

U.S. Census Bureau

Small Area Income & Poverty Estimates

Model-based Estimates for States, Counties & School Districts



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Introduction to the SAIPE Program

The U.S. Census Bureau, with support from other Federal agencies, created the Small Area Income and Poverty Estimates (SAIPE) program to provide more current estimates of selected income and poverty statistics than the most recent decennial census. Estimates are created for states, counties, and school districts. The main objective of this program is to provide updated estimates of income and poverty statistics for the administration of federal programs and the allocation of federal funds to local jurisdictions. A Government Accounting Office report issued in September 1990 identified \$30 billion in annual federal allocations that rely on decennial census data. In addition to these federal programs, there are hundreds of state and local programs that depend on income and poverty estimates for distributing funds and managing programs.

The SAIPE program:

- provides intercensal estimates of key income and poverty statistics for small geographic areas;
- provides measures of uncertainty of those estimates; and
- researches and investigates improved estimation methodology.

Our current focus is on estimates which have proved tractable and of interest to sponsors. We do not provide estimates for the number of poor children under 5 at the county level or the number of poor people 65 and over at the state and county levels, since we cannot improve on estimates from the preceding census or from national surveys. We develop intercensal estimates on a state and county basis for the following statistics:

- total number of people in poverty;
- number of children under age 5 in poverty (for states only);
- number of related children age 5 to 17 in families in poverty;
- number of children under age 18 in poverty; and
- median household income.

In addition, in order to implement provisions of the No Child Left Behind Act of 2001, we produce the following estimates for school districts:

- total population;
- number of children age 5 to 17; and
- number of related children age 5 to 17 in families in poverty.

The estimates are not direct counts from enumerations or administrative records, nor direct estimates from sample surveys. Data from those sources are not adequate to provide intercensal estimates for all counties. Instead, we model the relation between income or poverty and tax and program data for the states and a subset of counties using estimates of income or poverty from the Current Population Survey (CPS) Annual Social and Economic Supplement (ASEC). We then use the modeled relations to obtain estimates for all states and counties. For school districts, we use the model-based county estimates and the decennial census distribution of the population of poor of each county over its constituent school districts.

Estimating measures of uncertainty is an integral part of the overall process. We use estimated standard errors to provide a confidence interval around each income or poverty estimate that can be used to evaluate the quality of the estimates and help to form decisions about their use.

Source: U.S. Census Bureau, Housing and Household Economic Statistics Division, Small Area Estimates Branch

Last Revised: November 29, 2005

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[SAIPE Main Page](#) [Overview](#) [SAIPE Data](#) [Maps](#) [Documentation](#) [Publications](#) [Related Sites](#)

Description of Estimation Procedure

The following questions are answered below:

1. [What estimates does SAIPE produce?](#)
2. [How do SAIPE estimates compare to the census figures?](#)
3. [When should one use the model-based estimates?](#)
4. [How statistically precise are the model-based estimates?](#)

What estimates are being produced?

We provide estimates for the following key statistics for states and counties:

- Children under age 5 in poverty (states only)
- Related children ages 5 - 17 in families in poverty
- Children under age 18 in poverty
- All people in poverty
- Median household income

We provide estimates of the following statistics for school districts:

- Total population
- Children ages 5 - 17
- Related children ages 5 - 17 in families in poverty

[Return to top.](#)

How do SAIPE estimates compare to the census figures?

To provide a rough evaluation of our estimation methods, we made model-based estimates for states and counties in 1989 to compare with the 1990 census. The two estimates for 1989 -- decennial census and model-based -- are reassuringly close. We do not expect the models to provide precisely the same estimates as the census because the CPS data were used as the basis for calibrating the models and the census estimate of total poverty differs from the official estimates from the CPS ASEC.

One simple measure of deviation from the census is the average percentage difference over all counties between the census estimates and the model-based estimates for 1989. This comparison indicates that the county model-based estimates are on average 4.4 percent lower for the total number of poor people, 4.4 percent higher for the number of related children 5 to 17 in poverty, 6.8 percent higher for the number of poor people under 18, and 0.6 percent higher for median household income.

[Return to top.](#)

When should one use the model-based estimates?

The model-based procedures provide the best intercensal estimates of income and poverty for states and counties. They reflect the large increase in poverty (and the decline in median household income) that occurred during the 1989-1993 period, and the subsequent decrease in poverty and increase in median household income that occurred during the 1993-1997 period. The decennial census provides precise estimates every ten years, but they become increasingly out of date with the passage of time.

The choice is between the more statistically precise, but outdated, census results and the less statistically precise, but more

current, model-based estimates. The fact that postcensal changes were not uniform among states implies that the 1990 census cannot be "updated" by merely multiplying all 1990 Census estimates of income and poverty by the ratio of 1999 to 1989 national levels.

With the full implementation of the American Community Survey, users should also consult the [Guidance on Survey Differences in Income and Poverty Estimates](#), and the interim or final reports of the [Panel on Estimates of Poverty for Small Geographic Areas](#) of the National Academy of Sciences in deciding whether to use the estimates.

[Return to top.](#)

How statistically precise are the model-based estimates?

Estimates of income and poverty derived from models that employ current administrative record data are much less precise than those derived directly from the "long form" that was sent to approximately one-sixth of the nation's households as part of the 1990 Census. Thus for most counties, the model-based estimates are less statistically precise than the census estimates. We gauge the margin of error by the average relative width of the 90 percent confidence interval -- the width of the 90 percent confidence interval expressed as a fraction of the estimate (these numbers are shown for the census and 1993 and 1995 model-based estimates in the table below). The margins of error associated with the decennial census estimates are strongly related to the population size of the county, while that relationship is much less strong for the model based-estimates. Thus the model estimates have a smaller margin of error for small counties than the census, while the opposite is true for large counties.

Statistic	Average Relative Width of 90% Confidence Interval		
	1990 Census	1993 Model-Based	1995 Model-Based
poor related age 5-17	37%	47%	45%
for counties with population <10,000	58%	50%	49%
for counties with population $\geq 500,000$	9%	43%	41%
poor under age 18	30%	43%	43%
total poor	16%	40%	41%
median income	9%	17%	21%

The point is that there is a tradeoff between precision and currency. The census estimates are "better" in a statistical sense but describe the world as it existed in the census year. The model-based estimates are less precise but better describe the situation in the intercensal years.

[Return to top.](#)

Source: U.S. Census Bureau, Housing and Household Economic Statistics Division, Small Area Estimates Branch

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SAIPE Main Page Overview SAIPE Data Maps Documentation Publications Related Sites

General Cautions about Comparisons of Estimates

Cautions About Comparisons Between Decennial Census and Intercensal Model-Based Estimates

Differences between decennial census estimates and model-based estimates are not unambiguous estimates of changes in the levels of income or poverty at the county level. The ambiguity arises because these differences reflect both changes in the levels of income and poverty and differences in the methods by which the two cross-sectional estimates were made. In part, the difference in methods may be the difference previously alluded to between what the CPS and the decennial census estimate (for further information see [Comparisons between Model-Based and Census Estimates](#)).

If one ignores the discrepancy between the decennial census and CPS ASEC estimates, and one employs the differences between the two sets of estimates to gauge change, one needs to be cautious on the construction of confidence intervals for those differences. We use decennial census results, which report income data for the previous calendar year, in SAIPE model-based estimates of poverty and median household income: 1990 census results are model inputs for income years prior to 1999; 2000 census results are model inputs for 1999 and later. Consequently, there is an almost certain positive correlation between the census estimates and their intercensal model-based estimates, which should be represented in confidence intervals for their difference. Failure to do so will result in too many differences being considered "not significant". We currently do not have estimates of the individual correlations or advice on a general magnitude that can be assumed.

Cautions About Comparisons Between Intercensal Model-Based Estimates for the Same County in Different Years

One- and two-year comparisons between model-based estimates for the same county must recognize that the dependent variables in the models are represented by three-year averages which induce some sampling correlation between the estimated regression coefficients. The sampling correlation is a result of using data from identical years as the half-sample overlap across adjacent years of the CPS ASEC. One can estimate very crude approximations of 90-percent confidence intervals for the one- and two-year change by assuming that the model-error correlation is ignorable and using the standard estimate of CPS ASEC autocorrelation for poverty (a rho of .13 for comparisons two years apart and .76 for comparisons one year apart). We believe that the assumption that model-error correlation is ignorable is generally acceptable in all but the most populous of counties. In most counties, the CPS ASEC sample size is small or zero, which leads to large sampling variances in those counties. The relative size of the model-error variance to the sampling-error variance is small enough such that ignoring the effect of the model-error correlation should not significantly affect the size of the confidence interval. The crude 90-percent confidence intervals for the two-year difference in a given county are constructed from the 90-percent confidence intervals presented in the tables for viewing or downloading. Subtracting the lower from the upper bound of the 90-percent confidence interval of the estimate for a given county in a given year gives its width, say CI95 for 1995 and CI97 for 1997. The width of the 90-percent confidence interval for the difference between the model-based estimates for 1997 and 1995 for the same county is given by:

$$CI_{diff} = \text{SQRT}\{CI97^{**2} + CI95^{**2} - 0.13*CI97*CI95\} \text{ where } \text{SQRT}\{\text{quantity}\} \text{ is the square root of quantity, and } CI^{**2} \text{ is the square of CI.}$$

The confidence interval for a single-year difference - for example, the change between 1998 and 1997 - is given by:

$$CI_{diff} = \text{SQRT}\{CI98^{**2} + CI97^{**2} - 0.76*CI98*CI97\} \text{ where } \text{SQRT}\{\text{quantity}\} \text{ is the square root of quantity, and } CI^{**2} \text{ is the square of CI.}$$

The confidence intervals for other one- or two-year differences would follow the formats above.

Cautions About Comparisons Between Intercensal Model-Based Estimates for the Same State in Different Years

Direct CPS ASEC state estimates are much more precise than direct county estimates. The greater precision of the direct state estimates results in a larger ratio of model-error variance to sample-error variance in the state model than those observed in the county model. Consequently, ignoring the model-error correlation across years is an unacceptable assumption and no crude approximation is given to make such comparisons. The statistical comparison between 2001 and 2002 is described in the technical document [Methodology for Change Variance Estimates, 2001-2002](#) [PDF 128k]; comparisons for previous years are available on the [publications](#) page. Furthermore, there is ongoing research to design a web-based tool to compute pair-wise comparisons.

Cautions About Comparisons Between Intercensal Model-Based Estimates for Different Counties in the Same Year

The model-based estimates for different counties in the same year are not independent of each other because the same estimated model coefficients are employed in making them. The resources needed to estimate the correlation between estimates for different counties have not been available. Confidence intervals for the 2000, 1999, 1998, 1997, 1995, or 1993 differences between counties constructed without recognizing the correlation will, in general, be too large. Currently we do not have estimates of the individual correlations or advice on a general magnitude that can be assumed; however, we are researching the issue and have hope of finding a solution.

Cautions about Comparisons of Estimates - Median Household Income

Comparing estimates of median household income for the same county across different years is difficult because of changes in the 1999 model.

- The form of the conditional error is new. From 1989 to 1998, the models assumed a normal distribution. Beginning in the 1999, the model assumes a lognormal distribution;
- a new set of predictors is used in the 1999 model;
- the model is multiplicative instead of additive; and
- Census 2000 data is used in the 1999 model; previous estimates used 1990 Census data.

These major changes in the assumptions of the error and the predictors do not allow for simple comparisons for years before 1999 to 1999 or later estimates.

Please watch this website for further developments on these issues.

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Source: U.S. Census Bureau, Housing and Household Economic Statistics Division, Small Area Estimates Branch

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Small Area Income & Poverty Estimates

Michigan

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	1,127,886	1,047,006	1,208,767	11.5	10.7	12.3	468,947	422,682	515,212	18.0	16.2	19.8	318,465	279,412	357,518	16.8	14.8	18.9	38,883	37,469	40,296															
1998	1,118,213	1,038,273	1,198,154	11.4	10.6	12.2	436,156	385,029	487,284	16.8	14.9	18.8	299,134	254,076	344,192	15.7	13.3	18.0	41,963	40,395	43,531															
Change 1997-1998	(0.9) %	(0.1) percentage points					(7.0) %	(1.2) percentage points					(6.1) %	(1.1) percentage points					7.9 %																	
1999	971,254	900,896	1,041,612	9.9	9.2	10.6	366,708	319,978	413,438	14.2	12.4	16.1	240,110	198,946	281,274	13.0	10.7	15.2	44,221	42,772	45,670															
Change 1998-1999	(13.1) %	(1.5)					(15.9) %	(2.6)					(19.7) %	(2.7)					5.4 %																	
2000	951,435	898,699	1,004,171	9.7	9.2	10.2	347,234	318,066	376,402	13.7	12.5	14.8	220,239	195,021	245,457	12.0	10.6	13.3	45,202	43,543	46,862															
Change 1999-2000	(2.0) %	(0.2)					(5.3) %	(0.5)					(8.3) %	(1.0)					2.2 %																	
2001	963,737	910,280	1,017,195	9.8	9.2	10.3	340,985	304,821	377,149	13.4	12.0	14.9	222,489	190,376	254,602	12.0	10.3	13.7	45,688	44,327	47,048															
Change 2000-2001	1.3 %	0.1					(1.8) %	(0.3)					1.0 %	0.0					1.1 %																	
2002	1,080,996	1,019,875	1,142,116	10.9	10.3	11.5	358,843	328,500	389,186	14.2	13.0	15.4	241,419	215,842	266,996	13.1	11.7	14.5	44,315	42,693	45,936															
Change 2001-2002	12.2 %	1.1					5.2 %	0.8					8.5 %	1.1					(3.0) %																	
2003	1,087,681	1,025,090	1,150,271	11.0	10.3	11.6	376,919	347,545	406,292	15.0	13.8	16.1	250,954	228,528	273,380	13.6	12.4	14.8	46,291	44,905	47,676															
Change 2001-2003	0.6 %	0.1					5.0 %	0.8					3.9 %	0.5					4.5 %																	
Change 1997-2003	(3.6) %	(0.5)					(19.6) %	(3.0)					(21.2) %	(3.2)					19.1 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Alcona County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,534	1,151	1,917	13.7	10.3	17.1	630	446	814	26.5	18.8	34.3	428	294	562	23.6	16.2	31.0	25,466	22,317	28,598			
1998	1,634	1,254	2,013	14.5	11.1	17.8	584	422	745	24.5	17.7	31.3	426	298	554	23.2	16.2	30.2	27,860	24,726	30,977			
Change 1997-1998	6.5 %			0.8 percentage points			(7.3) %			(2.0) percentage points			(0.5) %			(0.4) percentage points			9.4 %					
1999	1,457	1,102	1,812	12.5	9.5	15.6	452	323	581	20.5	14.7	26.4	320	217	423	19.4	13.1	25.7	30,330	28,354	32,442			
Change 1998-1999	(10.8) %			2.0			(22.6) %			(4.0)			(24.9) %			(3.8)			8.9 %					
2000	1,434	1,120	1,747	12.4	9.7	15.2	471	357	585	22.3	16.9	27.7	318	230	406	19.8	14.4	25.3	32,085	29,740	34,616			
Change 1999-2000	(1.6) %			(0.1)			4.2 %			1.8			(0.6) %			0.4			5.8 %					
2001	1,408	1,092	1,723	12.3	9.5	15.0	428	318	538	21.0	15.6	26.4	299	209	389	19.1	13.4	24.8	30,781	28,701	33,011			
Change 2000-2001	(1.8) %			(0.1)			(9.1) %			(1.3)			(6.0) %			(0.7)			(4.1) %					
2002	1,547	1,189	1,905	13.5	10.3	16.6	423	312	533	21.4	15.8	26.9	323	228	418	20.7	14.6	26.8	30,540	28,476	32,755			
Change 2001-2002	9.9 %			1.2			(1.2) %			0.4			8.0 %			1.6			(0.8) %					
2003	1,375	1,054	1,696	11.9	9.1	14.7	410	301	519	20.6	15.1	26.0	291	204	378	18.5	12.9	24.0	31,071	29,136	33,134			
Change 2001-2003	(11.1) %			(1.6)			(3.1) %			(0.8)			(9.9) %			(2.2)			1.7 %					
Change 1997-2003	(10.4) %			(1.8)			(34.9) %			(5.9)			(32.0) %			(5.1)			22.0 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Alger County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,081	838	1,325	11.8	9.2	14.5	387	293	482	16.2	12.2	20.2	301	222	380	16.4	12.1	20.6	31,877	28,726	35,010			
1998	1,104	859	1,348	11.9	9.3	14.6	378	281	474	15.8	11.8	19.8	299	215	383	16.0	11.5	20.5	32,932	29,826	36,021			
Change 1997-1998	2.1 %			0.1 percentage points			(2.3) %			(0.4) percentage points			(0.7) %			(0.4) percentage points			3.3 %					
1999	908	692	1,124	10.1	7.7	12.5	299	219	378	14.8	10.9	18.8	217	151	283	14.3	9.9	18.6	34,617	32,380	37,008			
Change 1998-1999	(17.8) %			1.8			(20.9) %			(1.0)			(27.4) %			(1.7)			5.1 %					
2000	1,016	788	1,245	11.4	8.8	14.0	289	220	359	15.2	11.5	18.8	197	143	251	13.6	9.9	17.3	36,230	33,603	39,062			
Change 1999-2000	11.9 %			1.3			(3.3) %			0.4			(9.2) %			(0.7)			4.7 %					
2001	991	764	1,218	11.1	8.6	13.7	261	194	329	14.0	10.4	17.7	181	127	235	12.7	8.9	16.5	34,669	32,341	37,165			
Change 2000-2001	(2.5) %			(0.3)			(9.7) %			(1.2)			(8.1) %			(0.9)			(4.3) %					
2002	1,030	788	1,272	11.6	8.8	14.3	244	181	308	13.4	9.9	16.9	177	125	229	12.6	8.9	16.3	34,829	32,486	37,341			
Change 2001-2002	3.9 %			0.5			(6.5) %			(0.6)			(2.2) %			(0.1)			0.5 %					
2003	897	685	1,109	10.1	7.7	12.5	253	186	319	13.9	10.2	17.5	180	127	233	13.1	9.2	17.0	35,558	33,357	37,905			
Change 2001-2003	(12.9) %			(1.5)			3.7 %			0.5			1.7 %			0.5			2.1 %					
Change 1997-2003	(17.0) %			(1.7)			(34.6) %			(2.3)			(40.2) %			(3.3)			11.5 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

36,544
(2.7) %

Small Area Income & Poverty Estimates
Michigan, Allegan County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	8,405	6,579	10,231	8.2	6.4	10.0	3,728	2,860	4,595	12.1	9.3	14.9	2,625	1,972	3,278	11.6	8.7	14.5	43,128	40,120	46,120			
1998	8,871	6,980	10,761	8.5	6.7	10.3	3,730	2,840	4,620	11.9	9.1	14.8	2,541	1,864	3,218	11.0	8.1	13.9	45,003	42,041	47,948			
Change 1997-1998	5.5 %			0.3 percentage points			0.1 %			(0.2) percentage points			(3.2) %			(0.6) percentage points			4.3 %					
1999	7,682	5,924	9,440	7.3	5.6	9.0	3,027	2,276	3,777	10.1	7.6	12.5	1,911	1,365	2,457	8.7	6.2	11.2	45,691	42,882	48,683			
Change 1998-1999	(13.4) %			1.2			(18.8) %			(1.8)			(24.8) %			(2.3)			1.5 %					
2000	7,557	5,981	9,133	7.1	5.6	8.5	2,769	2,148	3,391	9.3	7.2	11.4	1,739	1,290	2,188	8.0	5.9	10.1	47,594	44,267	51,171			
Change 1999-2000	(1.6) %			(0.2)			(8.5) %			(0.8)			(9.0) %			(0.7)			4.2 %					
2001	8,087	6,354	9,819	7.5	5.9	9.1	2,736	2,068	3,404	9.2	7.0	11.5	1,808	1,290	2,326	8.2	5.9	10.6	46,561	43,559	49,770			
Change 2000-2001	7.0 %			0.4			(1.2) %			(0.1)			4.0 %			0.2			(2.2) %					
2002	9,093	7,086	11,100	8.3	6.5	10.1	2,916	2,199	3,632	9.9	7.5	12.4	1,984	1,430	2,538	9.1	6.6	11.7	46,478	43,468	49,696			
Change 2001-2002	12.4 %			0.8			6.6 %			0.7			9.7 %			0.9			(0.2) %					
2003	9,401	7,304	11,498	8.4	6.5	10.3	3,274	2,453	4,095	11.1	8.3	13.8	2,213	1,586	2,840	10.1	7.2	13.0	46,626	43,844	49,585			
Change 2001-2003	3.4 %			0.1			12.3 %			1.2			11.5 %			1.0			0.3 %					
Change 1997-2003	11.9 %			0.2			(12.2) %			(1.0)			(15.7) %			(1.5)			8.1 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Alpena County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																	
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																		
1997	3,981	3,095	4,868	12.9	10.0	15.8	1,661	1,260	2,062	20.6	15.6	25.5	1,157	860	1,454	18.8	14.0	23.6	31,836	28,733	34,922																		
1998	4,156	3,248	5,063	13.4	10.5	16.3	1,537	1,156	1,917	19.1	14.4	23.8	1,133	823	1,443	18.2	13.3	23.2	33,329	30,264	36,377																		
Change 1997-1998	4.4 %	0.5 percentage points					(7.5)%	(1.5) percentage points					(2.1) %	(0.6) percentage points					4.7 %																				
1999	3,539	2,715	4,363	11.3	8.7	14.0	1,202	893	1,511	16.3	12.1	20.4	802	565	1,039	14.6	10.3	18.9	33,780	31,646	36,058																		
Change 1998-1999	(14.8) %	(2.1)					(21.8) %	(2.8)					(29.2) %	(3.6)					1.4 %																				
2000	3,509	2,754	4,264	11.3	8.9	13.7	1,125	862	1,387	15.8	12.1	19.5	720	527	913	13.5	9.9	17.1	35,295	32,741	38,049																		
Change 1999-2000	(0.8) %	0.0					(6.4) %	(0.5)					(10.2) %	(1.1)					4.5 %																				
2001	3,465	2,697	4,233	11.3	8.8	13.8	1,086	811	1,362	15.5	11.6	19.5	721	507	935	13.8	9.7	17.8	34,059	31,776	36,507																		
Change 2000-2001	(1.3) %	0.0					(3.5) %	(0.3)					0.1 %	0.3					(3.5)%																				
2002	3,752	2,894	4,610	12.2	9.4	15.0	1,110	827	1,394	16.3	12.2	20.5	770	547	993	15.3	10.8	19.7	33,889	31,607	36,336																		
Change 2001-2002	8.3 %	0.9					2.2 %	0.8					6.8 %	1.5					(0.5) %																				
2003	3,563	2,735	4,391	11.7	8.9	14.4	1,146	848	1,444	17.4	12.9	21.9	773	546	1,000	15.6	11.0	20.1	34,552	32,411	36,835																		
Change 2001-2003	(5.0) %	(0.5)					3.2 %	1.1					0.4 %	0.3					2.0 %																				
Change 1997-2003	(10.5) %	(1.2)					(31.0) %	(3.2)					(33.2) %	(3.2)					8.5 %																				
...1997 median household income in 2003 dollars																																							
Change 1997-2003 using 1997 median household income in 2003 dollars																																							

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

36,497
(5.3) %

Small Area Income & Poverty Estimates

Michigan, Antrim County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,043	1,561	2,525	9.4	7.2	11.7	894	668	1,119	16.0	11.9	20.0	636	464	808	15.4	11.3	19.6	34,015	30,851	37,162			
1998	2,278	1,741	2,815	10.3	7.9	12.7	935	686	1,185	16.5	12.1	20.9	636	451	821	15.0	10.7	19.4	35,748	32,645	38,834			
Change 1997-1998	11.5 %			0.9 percentage points			4.6 %			0.5 percentage points			0.0 %			(0.4) percentage points			5.1 %					
1999	2,090	1,554	2,626	9.1	6.7	11.4	764	541	988	13.7	9.7	17.7	526	353	699	12.7	8.5	16.9	37,586	35,086	40,265			
Change 1998-1999	(8.3) %			1.2			(18.3) %			(2.8)			(17.3) %			(2.3)			5.1 %					
2000	2,060	1,600	2,520	8.8	6.9	10.8	780	593	967	14.2	10.8	17.7	524	381	667	12.7	9.3	16.2	39,491	36,580	42,632			
Change 1999-2000	(1.4) %			(0.3)			2.1 %			0.5			(0.4) %			0.0			5.1 %					
2001	2,077	1,606	2,548	8.8	6.8	10.8	737	548	926	13.7	10.2	17.2	502	352	652	12.2	8.5	15.9	38,723	36,107	41,530			
Change 2000-2001	0.8 %			0.0			(5.5) %			(0.5)			(4.2) %			(0.5)			(1.9) %					
2002	2,315	1,782	2,848	9.6	7.4	11.9	695	518	873	13.0	9.7	16.4	510	362	658	12.4	8.8	16.1	38,371	35,824	41,098			
Change 2001-2002	11.5 %			0.8			(5.7) %			(0.7)			1.6 %			0.2			(0.9) %					
2003	2,208	1,693	2,722	9.1	7.0	11.2	746	551	940	13.8	10.2	17.5	516	364	668	12.6	8.9	16.3	39,328	36,932	41,879			
Change 2001-2003	(4.6) %			(0.5)			7.3 %			0.8			1.2 %			0.2			2.5 %					
Change 1997-2003	8.1 %			(0.3)			(16.6) %			(2.2)			(18.9) %			(2.8)			15.6 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Arenac County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,713	2,080	3,347	16.6	12.7	20.4	1,215	912	1,519	27.6	20.7	34.5	847	621	1,073	25.4	18.6	32.2	27,758	24,629	30,871			
1998	2,852	2,199	3,505	17.3	13.3	21.2	1,132	841	1,423	25.8	19.2	32.4	845	606	1,084	25.1	18.0	32.2	28,865	25,744	31,968			
Change 1997-1998	5.1 %			0.7 percentage points			(6.8) %			(1.8) percentage points			(0.2) %			(0.3) percentage points			4.0 %					
1999	2,402	1,826	2,978	14.4	11.0	17.9	839	611	1,067	21.1	15.4	26.9	618	427	809	20.8	14.4	27.2	31,529	29,517	33,679			
Change 1998-1999	(15.8) %			2.9			(25.9) %			(4.7)			(26.9) %			(4.3)			9.2 %					
2000	2,349	1,841	2,857	14.2	11.1	17.3	806	618	994	21.4	16.4	26.4	539	395	683	18.9	13.8	23.9	33,374	30,962	35,973			
Change 1999-2000	(2.2) %			(0.2)			(3.9) %			0.3			(12.8) %			(1.9)			5.9 %					
2001	2,295	1,785	2,806	13.8	10.8	16.9	778	580	976	20.9	15.6	26.2	530	373	687	18.8	13.2	24.3	32,198	30,053	34,496			
Change 2000-2001	(2.3) %			(0.4)			(3.5) %			(0.5)			(1.7) %			(0.1)			(3.5) %					
2002	2,426	1,871	2,982	14.6	11.2	17.9	745	555	934	20.4	15.2	25.6	542	385	699	19.7	14.0	25.4	32,053	29,912	34,347			
Change 2001-2002	5.7 %			0.8			(4.2) %			(0.5)			2.3 %			0.9			(0.5) %					
2003	2,247	1,733	2,762	13.5	10.4	16.6	761	566	956	21.1	15.7	26.5	528	375	681	19.5	13.9	25.1	32,690	30,688	34,824			
Change 2001-2003	(7.4) %			(1.1)			2.1 %			0.7			(2.6) %			(0.2)			2.0 %					
Change 1997-2003	(17.2) %			(3.1)			(37.4) %			(6.5)			(37.7) %			(5.9)			17.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Baraga County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,063	827	1,299	13.3	10.3	16.2	412	311	513	19.0	14.4	23.7	311	230	392	19.1	14.1	24.0	29,412	26,276	32,531			
1998	1,105	863	1,347	13.6	10.6	16.6	426	315	536	19.6	14.6	24.7	324	232	416	19.6	14.0	25.1	30,733	27,650	33,800			
Change 1997-1998	4.0 %			0.3 percentage points			3.4 %			0.6 percentage points			4.2 %			0.5 percentage points			4.5 %					
1999	900	688	1,111	11.1	8.5	13.7	320	235	405	16.1	11.8	20.4	229	160	298	15.7	11.0	20.4	32,956	30,857	35,199			
Change 1998-1999	(18.6) %			2.5			(24.9) %			(3.5)			(29.3) %			(3.9)			7.2 %					
2000	885	689	1,081	11.1	8.6	13.6	263	200	325	13.8	10.5	17.1	178	130	226	12.9	9.4	16.4	34,377	31,900	37,047			
Change 1999-2000	(1.7) %			0.0			(17.8) %			(2.3)			(22.3) %			(2.8)			4.3 %					
2001	956	737	1,176	12.0	9.2	14.7	292	217	367	15.5	11.5	19.6	204	143	265	14.8	10.3	19.2	32,659	30,449	35,030			
Change 2000-2001	8.0 %			0.9			11.0 %			1.7			14.6 %			1.9			(5.0) %					
2002	988	751	1,225	12.3	9.3	15.3	258	191	324	13.7	10.2	17.3	193	136	250	14.0	9.9	18.2	31,767	29,593	34,100			
Change 2001-2002	3.3 %			0.3			(11.6) %			(1.8)			(5.4) %			(0.8)			(2.7) %					
2003	891	679	1,104	11.2	8.5	13.9	277	205	350	15.3	11.3	19.3	197	139	255	14.4	10.2	18.7	32,083	30,063	34,239			
Change 2001-2003	(9.8) %			(1.1)			7.4 %			1.6			2.1 %			0.4			1.0 %					
Change 1997-2003	(16.2) %			(2.1)			(32.8) %			(3.7)			(36.7) %			(4.7)			9.1 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Barry County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	4,751	3,715	5,787	8.7	6.8	10.6	2,015	1,537	2,492	13.4	10.2	16.5	1,463	1,094	1,832	13.1	9.8	16.4	43,955	40,838	47,055			
1998	4,900	3,849	5,950	9.0	7.0	10.9	1,931	1,459	2,402	12.9	9.8	16.1	1,417	1,034	1,800	12.6	9.2	16.0	45,751	42,688	48,798			
Change 1997-1998	3.1 %			0.3 percentage points			(4.2) %			(0.5) percentage points			(3.1) %			(0.5) percentage points			4.1 %					
1999	3,730	2,847	4,614	6.6	5.0	8.1	1,454	1,075	1,833	9.5	7.0	12.0	895	628	1,162	8.0	5.6	10.4	46,213	43,307	49,314			
Change 1998-1999	(23.9) %			2.4			(24.7) %			(3.4)			(36.8) %			(4.6)			1.0 %					
2000	3,642	2,848	4,436	6.4	5.0	7.8	1,224	938	1,509	8.2	6.3	10.1	781	573	989	7.0	5.2	8.9	48,150	44,662	51,910			
Change 1999-2000	(2.4) %			(0.2)			(15.8) %			(1.3)			(12.7) %			(1.0)			4.2 %					
2001	3,775	2,927	4,623	6.5	5.1	8.0	1,146	854	1,437	7.7	5.7	9.6	758	534	982	6.8	4.8	8.8	47,845	44,685	51,228			
Change 2000-2001	3.7 %			0.1			(6.4) %			(0.5)			(2.9) %			(0.2)			(0.6) %					
2002	4,301	3,303	5,299	7.3	5.6	9.0	1,330	988	1,672	9.0	6.7	11.3	895	635	1,155	8.1	5.8	10.5	48,183	44,988	51,604			
Change 2001-2002	13.9 %			0.8			16.1 %			1.3			18.1 %			1.3			0.7 %					
2003	4,311	3,316	5,306	7.3	5.6	9.0	1,458	1,081	1,835	9.9	7.4	12.5	970	684	1,256	8.8	6.2	11.4	48,243	45,308	51,369			
Change 2001-2003	0.2 %			0.0			9.6 %			0.9			8.4 %			0.7			0.1 %					
Change 1997-2003	(9.3) %			(1.4)			(27.6) %			(3.5)			(33.7) %			(4.3)			9.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Bay County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	13,633	10,747	16,518	12.3	9.7	14.9	5,693	4,402	6,984	19.7	15.3	24.2	3,898	2,952	4,844	18.3	13.9	22.8	36,836	33,878	39,778															
1998	13,518	10,698	16,338	12.2	9.7	14.8	5,221	4,004	6,437	18.4	14.1	22.6	3,688	2,722	4,654	17.4	12.8	21.9	37,524	34,590	40,443															
Change 1997-1998	(0.8) %	(0.1) percentage points					(8.3) %	(1.3) percentage points					(5.4) %	(0.9) percentage points					1.9 %																	
1999	11,166	8,664	13,668	10.2	7.9	12.5	3,966	2,995	4,937	14.9	11.3	18.6	2,628	1,887	3,369	13.6	9.7	17.4	37,793	35,470	40,267															
Change 1998-1999	(17.4) %	2.0					(24.0) %	(3.5)					(28.7) %	(3.8)					0.7 %																	
2000	10,607	8,398	12,817	9.8	7.7	11.8	3,552	2,759	4,344	13.8	10.7	16.8	2,267	1,686	2,848	12.0	8.9	15.1	40,239	37,429	43,260															
Change 1999-2000	(5.0) %	(0.4)					(10.4) %	(1.1)					(13.7) %	(1.6)					6.5 %																	
2001	10,338	8,120	12,555	9.5	7.5	11.5	3,351	2,536	4,166	13.0	9.8	16.2	2,210	1,580	2,840	11.7	8.3	15.0	39,170	36,619	41,900															
Change 2000-2001	(2.5) %	(0.3)					(5.7) %	(0.8)					(2.5) %	(0.3)					(2.7) %																	
2002	11,070	8,622	13,517	10.2	7.9	12.4	3,312	2,505	4,120	12.9	9.8	16.1	2,237	1,617	2,857	12.0	8.7	15.3	39,127	36,562	41,872															
Change 2001-2002	7.1 %	0.7					(1.2) %	(0.1)					1.2 %	0.3					(0.1) %																	
2003	11,514	8,951	14,077	10.6	8.2	12.9	3,605	2,708	4,502	14.3	10.7	17.9	2,463	1,772	3,154	13.3	9.6	17.0	39,151	36,787	41,667															
Change 2001-2003	4.0 %	0.4					8.8 %	1.4					10.1 %	1.3					0.1 %																	
Change 1997-2003	(15.5) %	(1.7)					(36.7) %	(5.4)					(36.8) %	(5.0)					6.3 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

42,229
(7.3) %

Small Area Income & Poverty Estimates

Michigan, Benzie County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,404	1,074	1,733	9.4	7.2	11.6	571	423	720	16.0	11.9	20.2	404	291	517	15.5	11.2	19.9	31,666	28,549	34,766			
1998	1,603	1,231	1,974	10.4	8.0	12.8	637	462	811	17.5	12.7	22.3	434	303	565	16.1	11.3	20.9	33,000	29,943	36,041			
Change 1997-1998	14.2 %			1.0 percentage points			11.6 %			1.5 percentage points			7.4 %			0.6 percentage points			4.2 %					
1999	1,314	990	1,637	8.3	6.2	10.3	466	337	596	12.6	9.1	16.1	299	204	394	11.2	7.6	14.7	36,144	33,778	38,677			
Change 1998-1999	(18.0) %			2.1			(26.8) %			(4.9)			(31.1) %			(4.9)			9.5 %					
2000	1,365	1,059	1,672	8.4	6.5	10.3	472	354	589	12.7	9.6	15.9	310	223	397	11.5	8.3	14.8	38,356	35,565	41,366			
Change 1999-2000	3.9 %			0.1			1.3 %			0.1			3.7 %			0.3			6.1 %					
2001	1,310	1,014	1,607	7.9	6.1	9.7	400	297	504	10.8	8.0	13.6	274	192	356	10.1	7.1	13.1	37,827	35,300	40,535			
Change 2000-2001	(4.0) %			(0.5)			(15.3) %			(1.9)			(11.6) %			(1.4)			(1.4) %					
2002	1,378	1,057	1,698	8.1	6.2	10.0	392	290	493	10.5	7.8	13.2	280	198	362	10.2	7.2	13.2	38,587	36,004	41,356			
Change 2001-2002	5.2 %			0.2			(2.0) %			(0.3)			2.2 %			0.1			2.0 %					
2003	1,353	1,033	1,673	7.8	6.0	9.6	446	327	565	11.6	8.5	14.7	305	213	397	10.9	7.6	14.2	39,510	37,084	42,095			
Change 2001-2003	(1.8) %			(0.3)			13.8 %			1.1			8.9 %			0.7			2.4 %					
Change 1997-2003	(3.6) %			(1.6)			(21.9) %			(4.4)			(24.5) %			(4.6)			24.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Berrien County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																			
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																				
1997	22,636	17,880	27,392	14.1	11.1	17.1	9,957	7,727	12,188	23.0	17.8	28.1	6,796	5,166	8,426	21.3	16.2	26.4	35,846	32,877	38,799																				
1998	23,063	18,292	27,834	14.4	11.4	17.4	9,290	7,148	11,431	21.7	16.7	26.7	6,475	4,792	8,158	20.2	15.0	25.5	36,552	33,612	39,475																				
Change 1997-1998	1.9 %	0.3 percentage points					(6.7) %	(1.3) percentage points					(4.7) %	(1.1) percentage points					2.0 %																						
1999	19,705	15,331	24,080	12.3	9.6	15.0	7,391	5,623	9,159	17.8	13.6	22.1	4,864	3,517	6,211	16.1	11.6	20.6	37,095	34,834	39,503																				
Change 1998-1999	(14.6) %	2.1					(20.4) %	(3.9)					(24.9) %	(4.1)					1.5 %																						
2000	19,499	15,475	23,522	12.2	9.7	14.8	7,222	5,647	8,796	17.8	13.9	21.7	4,535	3,392	5,678	15.3	11.5	19.2	38,227	35,547	41,110																				
Change 1999-2000	(1.0) %	(0.1)					(2.3) %	0.0					(6.8) %	(0.8)					3.1 %																						
2001	19,192	15,118	23,266	12.0	9.5	14.5	6,915	5,261	8,570	17.2	13.1	21.3	4,459	3,203	5,715	15.1	10.9	19.4	37,145	34,713	39,749																				
Change 2000-2001	(1.6) %	(0.2)					(4.3) %	(0.6)					(1.7) %	(0.2)					(2.8) %																						
2002	20,736	16,201	25,270	12.9	10.1	15.7	7,018	5,327	8,708	17.5	13.3	21.7	4,804	3,486	6,122	16.5	11.9	21.0	37,283	34,835	39,903																				
Change 2001-2002	8.0 %	0.9					1.5 %	0.3					7.7 %	1.4					0.4 %																						
2003	19,735	15,348	24,122	12.3	9.6	15.0	7,117	5,354	8,879	17.7	13.3	22.1	4,766	3,434	6,098	16.3	11.8	20.9	38,429	36,133	40,872																				
Change 2001-2003	(4.8) %	(0.6)					1.4 %	0.2					(0.8) %	(0.2)					3.1 %																						
Change 1997-2003	(12.8) %		(1.8)		(28.5) %		(5.3)		(29.9) %		(5.0)		7.2 %																												
...1997 median household income in 2003 dollars																																									
Change 1997-2003 using 1997 median household income in 2003 dollars																																									

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Branch County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	5,134	4,000	6,268	12.2	9.5	14.8	2,250	1,708	2,792	18.7	14.2	23.2	1,583	1,174	1,992	18.1	13.4	22.7	33,824	30,747	36,883			
1998	5,452	4,272	6,631	12.9	10.1	15.7	2,268	1,709	2,828	19.0	14.3	23.7	1,559	1,129	1,989	17.7	12.8	22.6	35,431	32,386	38,459			
Change 1997-1998	6.2 %			0.7 percentage points			0.8 %			0.3 percentage points			(1.5) %			(0.4) percentage points			4.8 %					
1999	4,469	3,418	5,520	10.4	7.9	12.8	1,747	1,299	2,194	15.2	11.3	19.0	1,141	803	1,479	13.6	9.6	17.6	37,032	34,732	39,485			
Change 1998-1999	(18.0) %			2.5			(23.0) %			(3.8)			(26.8) %			(4.1)			4.5 %					
2000	4,704	3,662	5,746	11.0	8.5	13.4	1,808	1,385	2,231	16.2	12.4	19.9	1,172	856	1,488	14.3	10.5	18.2	39,004	36,206	42,019			
Change 1999-2000	5.3 %			0.6			3.5 %			1.0			2.7 %			0.7			5.3 %					
2001	5,164	3,977	6,350	12.0	9.2	14.7	1,892	1,405	2,380	17.0	12.6	21.4	1,270	886	1,654	15.6	10.9	20.4	37,472	34,989	40,131			
Change 2000-2001	9.8 %			1.0			4.6 %			0.8			8.4 %			1.3			(3.9)%					
2002	5,215	4,002	6,428	12.0	9.2	14.8	1,649	1,232	2,067	15.0	11.2	18.8	1,175	836	1,514	14.7	10.5	19.0	37,453	34,965	40,118			
Change 2001-2002	1.0 %			0.0			(12.8) %			(2.0)			(7.5) %			(0.9)			(0.1) %					
2003	4,831	3,695	5,966	11.2	8.6	13.8	1,804	1,334	2,275	16.5	12.2	20.9	1,209	851	1,567	15.1	10.6	19.6	38,275	35,949	40,752			
Change 2001-2003	(7.4) %			(0.8)			9.4 %			1.5			2.9 %			0.4			2.2 %					
Change 1997-2003	(5.9) %			(1.0)			(19.8) %			(2.2)			(23.6) %			(3.0)			13.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Calhoun County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	18,787	14,863	22,712	13.5	10.7	16.3	8,159	6,330	9,989	21.7	16.9	26.6	5,780	4,384	7,176	21.0	16.0	26.1	37,295	34,349	40,225															
1998	18,790	14,926	22,654	13.4	10.7	16.2	7,444	5,728	9,160	19.9	15.3	24.5	5,387	3,990	6,784	19.4	14.4	24.5	38,041	35,118	40,947															
Change 1997-1998	0.0 %	(0.1) percentage points					(8.8)%	(1.8) percentage points					(6.8)%	(1.6) percentage points					2.0 %																	
1999	14,679	11,427	17,931	10.8	8.4	13.2	5,650	4,300	6,999	16.1	12.2	19.9	3,709	2,682	4,736	14.5	10.5	18.6	38,119	35,793	40,597															
Change 1998-1999	(21.9) %	2.6					(24.1)%	(3.8)					(31.1)%	(4.9)					0.2 %																	
2000	14,613	11,589	17,636	10.8	8.6	13.1	5,447	4,248	6,645	15.7	12.3	19.2	3,487	2,602	4,372	13.8	10.3	17.3	39,991	37,190	43,003															
Change 1999-2000	(0.4) %	0.0					(3.6)%	(0.4)					(6.0)%	(0.7)					4.9 %																	
2001	14,447	11,363	17,531	10.7	8.4	12.9	5,254	3,983	6,526	15.1	11.5	18.8	3,680	2,621	4,739	14.5	10.3	18.6	38,704	36,168	41,418															
Change 2000-2001	(1.1) %	(0.1)					(3.5)%	(0.6)					5.5 %	0.7					(3.2)%																	
2002	15,939	12,434	19,443	11.7	9.1	14.3	5,598	4,236	6,959	16.2	12.2	20.1	3,833	2,771	4,895	15.3	11.1	19.6	38,956	36,419	41,670															
Change 2001-2002	10.3 %	1.0					6.5 %	1.1					4.2 %	0.8					0.7 %																	
2003	15,745	12,231	19,260	11.6	9.0	14.2	5,800	4,355	7,246	16.8	12.6	21.0	3,873	2,783	4,963	15.5	11.1	19.8	39,134	36,785	41,632															
Change 2001-2003	(1.2) %	(0.1)					3.6 %	0.6					1.0 %	0.2					0.5 %																	
Change 1997-2003	(16.2) %	(1.9)					(28.9) %	(4.9)					(33.0) %	(5.5)					4.9 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

42,756
(8.5) %

Small Area Income & Poverty Estimates
Michigan, Cass County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	6,183	4,865	7,500	12.2	9.6	14.9	2,560	1,974	3,146	19.3	14.8	23.7	1,809	1,365	2,253	18.4	13.9	22.9	36,600	33,665	39,519			
1998	6,348	5,014	7,681	12.6	9.9	15.2	2,395	1,830	2,960	18.2	13.9	22.5	1,756	1,291	2,221	17.8	13.1	22.5	38,362	35,447	41,262			
Change 1997-1998	2.7 %			0.4 percentage points			(6.4) %			(1.1) percentage points			(2.9) %			(0.6) percentage points			4.8 %					
1999	5,359	4,160	6,558	10.5	8.2	12.9	2,000	1,515	2,485	15.7	11.9	19.5	1,394	1,003	1,785	14.8	10.6	19.0	39,671	37,251	42,249			
Change 1998-1999	(15.6) %			2.1			(16.5) %			(2.5)			(20.6) %			(3.0)			3.4 %					
2000	5,313	4,208	6,418	10.5	8.3	12.6	1,887	1,469	2,306	15.2	11.8	18.6	1,273	948	1,598	13.7	10.2	17.2	41,867	38,944	45,009			
Change 1999-2000	(0.9) %			0.0			(5.7) %			(0.5)			(8.7) %			(1.1)			5.5 %					
2001	5,457	4,287	6,627	10.7	8.4	13.0	1,817	1,376	2,257	14.9	11.3	18.5	1,239	887	1,591	13.4	9.6	17.2	40,663	38,023	43,487			
Change 2000-2001	2.7 %			0.2			(3.7) %			(0.3)			(2.7) %			(0.3)			(2.9) %					
2002	6,038	4,705	7,372	11.8	9.2	14.4	1,892	1,430	2,353	15.8	11.9	19.6	1,293	934	1,652	14.3	10.3	18.3	40,694	38,055	43,515			
Change 2001-2002	10.6 %			1.1			4.1 %			0.9			4.4 %			0.9			0.1 %					
2003	5,548	4,310	6,785	10.8	8.4	13.2	1,908	1,432	2,383	16.0	12.0	20.0	1,266	909	1,623	13.9	10.0	17.8	41,387	38,933	43,995			
Change 2001-2003	(8.1) %			(1.0)			0.8 %			0.2			(2.1) %			(0.4)			1.7 %					
Change 1997-2003	(10.3) %			(1.4)			(25.5) %			(3.3)			(30.0) %			(4.5)			13.1 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Charlevoix County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,234	1,741	2,727	9.0	7.0	11.0	881	668	1,095	13.3	10.1	16.6	667	494	840	14.0	10.4	17.7	36,885	33,725	40,028			
1998	2,278	1,783	2,774	9.0	7.1	11.0	854	639	1,069	12.8	9.6	16.1	675	487	863	13.9	10.0	17.8	38,155	35,077	41,216			
Change 1997-1998	2.0 %			0.0 percentage points			(3.1)%			(0.5) percentage points			1.2 %			(0.1) percentage points			3.4 %					
1999	1,984	1,516	2,452	7.6	5.8	9.4	804	591	1,018	12.0	8.8	15.2	522	364	680	10.6	7.4	13.9	39,267	36,783	41,919			
Change 1998-1999	(12.9) %			1.4			(5.9) %			(0.8)			(22.7) %			(3.3)			2.9 %					
2000	2,139	1,676	2,601	8.2	6.4	9.9	786	603	969	12.0	9.2	14.7	522	383	661	10.7	7.9	13.6	40,942	38,013	44,097			
Change 1999-2000	7.8 %			0.6			(2.2) %			0.0			0.0 %			0.1			4.3 %					
2001	2,167	1,686	2,648	8.2	6.4	10.1	725	543	908	11.1	8.3	13.9	494	349	639	10.1	7.1	13.1	40,260	37,617	43,088			
Change 2000-2001	1.3 %			0.0			(7.8) %			(0.9)			(5.4) %			(0.6)			(1.7) %					
2002	2,321	1,787	2,854	8.7	6.7	10.7	734	548	920	11.4	8.5	14.2	527	375	679	10.9	7.8	14.1	41,143	38,409	44,073			
Change 2001-2002	7.1 %			0.5			1.2 %			0.3			6.7 %			0.8			2.2 %					
2003	2,295	1,761	2,830	8.7	6.6	10.7	793	588	999	12.5	9.3	15.8	542	383	701	11.3	8.0	14.6	41,825	39,276	44,538			
Change 2001-2003	(1.1) %			0.0			8.0 %			1.1			2.8 %			0.4			1.7 %					
Change 1997-2003	2.7 %			(0.3)			(10.0) %			(0.8)			(18.7) %			(2.7)			13.4 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Cheboygan County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	3,007	2,312	3,701	12.5	9.6	15.4	1,310	986	1,634	21.2	16.0	26.5	910	668	1,152	19.7	14.4	24.9	29,623	26,439	32,791			
1998	3,238	2,496	3,980	13.3	10.3	16.4	1,290	956	1,624	20.8	15.4	26.2	906	647	1,165	19.2	13.7	24.7	30,681	27,547	33,798			
Change 1997-1998	7.7 %			0.8 percentage points			(1.5)%			(0.4) percentage points			(0.4) %			(0.5) percentage points			3.6 %					
1999	3,038	2,306	3,769	11.6	8.8	14.3	1,107	808	1,406	17.8	13.0	22.6	786	546	1,026	17.3	12.1	22.6	32,460	30,345	34,723			
Change 1998-1999	(6.2) %			1.7			(14.2) %			(3.0)			(13.2) %			(1.9)			5.8 %					
2000	2,987	2,337	3,637	11.2	8.8	13.7	1,104	846	1,361	18.2	13.9	22.4	733	538	928	16.3	12.0	20.6	34,330	31,824	37,034			
Change 1999-2000	(1.7) %			(0.4)			(0.3) %			0.4			(6.7) %			(1.0)			5.8 %					
2001	3,000	2,329	3,671	11.1	8.6	13.6	1,077	805	1,349	17.7	13.2	22.2	725	511	939	16.0	11.3	20.7	33,511	31,256	35,929			
Change 2000-2001	0.4 %			(0.1)			(2.4) %			(0.5)			(1.1) %			(0.3)			(2.4) %					
2002	3,252	2,511	3,993	11.9	9.2	14.6	1,009	756	1,262	16.7	12.5	20.9	722	516	928	16.1	11.5	20.7	33,572	31,329	35,977			
Change 2001-2002	8.4 %			0.8			(6.3) %			(1.0)			(0.4) %			0.1			0.2 %					
2003	3,118	2,396	3,841	11.5	8.9	14.2	1,061	788	1,334	17.9	13.3	22.5	731	519	943	16.4	11.7	21.2	34,355	32,246	36,603			
Change 2001-2003	(4.1) %			(0.4)			5.2 %			1.2			1.2 %			0.3			2.3 %					
Change 1997-2003	3.7 %			(1.0)			(19.0) %			(3.3)			(19.7) %			(3.3)			16.0 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Chippewa County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	4,854	3,782	5,925	14.7	11.4	17.9	1,828	1,397	2,258	20.8	15.9	25.7	1,312	981	1,643	19.9	14.9	25.0	30,477	27,364	33,573			
1998	4,866	3,814	5,918	14.8	11.6	18.0	1,670	1,267	2,073	19.3	14.7	24.0	1,266	924	1,608	19.3	14.1	24.5	31,564	28,499	34,612			
Change 1997-1998	0.2 %			0.1 percentage points			(8.6)%			(1.5) percentage points			(3.5) %			(0.6) percentage points			3.6 %					
1999	4,132	3,163	5,100	12.5	9.6	15.5	1,425	1,072	1,779	17.5	13.1	21.8	954	680	1,228	16.2	11.5	20.8	32,946	30,852	35,181			
Change 1998-1999	(15.1) %			2.3			(14.7) %			(1.8)			(24.6) %			(3.1)			4.4 %					
2000	4,510	3,496	5,524	13.8	10.7	16.8	1,388	1,073	1,703	17.4	13.5	21.4	898	663	1,133	15.5	11.5	19.6	34,537	32,043	37,225			
Change 1999-2000	9.1 %			1.3			(2.6) %			(0.1)			(5.9) %			(0.7)			4.8 %					
2001	4,611	3,549	5,672	14.0	10.8	17.2	1,290	968	1,612	16.6	12.5	20.8	856	606	1,106	14.9	10.5	19.3	33,226	30,994	35,620			
Change 2000-2001	2.2 %			0.2			(7.1) %			(0.8)			(4.7) %			(0.6)			(3.8) %					
2002	4,879	3,725	6,034	14.7	11.2	18.2	1,220	914	1,527	16.0	12.0	20.0	857	612	1,102	15.2	10.9	19.5	32,989	30,762	35,376			
Change 2001-2002	5.8 %			0.7			(5.4) %			(0.6)			0.1 %			0.3			(0.7) %					
2003	4,306	3,292	5,320	13.0	9.9	16.0	1,279	950	1,608	17.0	12.6	21.4	866	614	1,118	15.3	10.9	19.8	33,518	31,453	35,719			
Change 2001-2003	(11.7) %			(1.7)			4.8 %			1.0			1.1 %			0.1			1.6 %					
Change 1997-2003	(11.3) %			(1.7)			(30.0) %			(3.8)			(34.0) %			(4.6)			10.0 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Clare County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	5,055	3,889	6,221	17.0	13.1	21.0	2,247	1,682	2,812	28.6	21.4	35.8	1,540	1,125	1,955	27.0	19.7	34.3	25,237	22,086	28,371			
1998	5,364	4,141	6,587	17.8	13.7	21.9	2,179	1,611	2,748	27.7	20.5	34.9	1,526	1,088	1,964	26.3	18.8	33.9	26,801	23,657	29,928			
Change 1997-1998	6.1 %			0.8 percentage points			(3.0)%			(0.9) percentage points			(0.9) %			(0.7) percentage points			6.2 %					
1999	4,706	3,569	5,844	15.2	11.5	18.9	1,650	1,198	2,101	22.1	16.0	28.1	1,162	802	1,522	21.2	14.6	27.8	28,325	26,486	30,292			
Change 1998-1999	(12.3) %			2.6			(24.3) %			(5.6)			(23.9) %			(5.1)			5.7 %					
2000	4,609	3,624	5,595	14.9	11.7	18.1	1,698	1,311	2,085	23.3	18.0	28.5	1,114	822	1,406	20.7	15.2	26.1	29,791	27,624	32,129			
Change 1999-2000	(2.1) %			(0.3)			2.9 %			1.2			(4.1) %			(0.5)			5.2 %					
2001	4,666	3,637	5,694	14.9	11.6	18.2	1,637	1,230	2,044	22.4	16.8	28.0	1,107	784	1,430	20.4	14.4	26.3	28,962	27,034	31,027			
Change 2000-2001	1.2 %			0.0			(3.6) %			(0.9)			(0.6) %			(0.3)			(2.8) %					
2002	5,003	3,865	6,140	16.0	12.4	19.6	1,619	1,212	2,026	22.5	16.9	28.2	1,186	846	1,526	22.3	15.9	28.7	29,150	27,204	31,236			
Change 2001-2002	7.2 %			1.1			(1.1) %			0.1			7.1 %			1.9			0.6 %					
2003	4,581	3,522	5,639	14.6	11.2	17.9	1,616	1,200	2,033	22.8	17.0	28.7	1,113	789	1,437	21.0	14.9	27.1	30,028	28,188	31,987			
Change 2001-2003	(8.4) %			(1.4)			(0.2) %			0.3			(6.2) %			(1.3)			3.0 %					
Change 1997-2003	(9.4) %			(2.4)			(28.1) %			(5.8)			(27.7) %			(6.0)			19.0 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Clinton County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	3,783	2,860	4,707	5.9	4.4	7.3	1,687	1,226	2,149	9.3	6.8	11.8	1,126	797	1,455	8.3	5.9	10.7	50,538	47,471	53,587			
1998	4,087	3,105	5,069	6.3	4.8	7.8	1,835	1,311	2,359	10.1	7.2	13.0	1,099	761	1,437	8.0	5.6	10.5	51,677	48,639	54,699			
Change 1997-1998	8.0 %			0.4 percentage points			8.8 %			0.8 percentage points			(2.4) %			(0.3) percentage points			2.3 %					
1999	3,666	2,727	4,604	5.7	4.2	7.1	1,451	1,017	1,885	8.0	5.6	10.4	882	583	1,181	6.6	4.4	8.9	52,491	49,154	56,054			
Change 1998-1999	(10.3) %			0.6			(20.9) %			(2.1)			(19.7) %			(1.4)			1.6 %					
2000	3,345	2,614	4,075	5.1	4.0	6.3	1,153	882	1,424	6.5	5.0	8.1	720	525	915	5.5	4.0	6.9	55,108	51,136	59,388			
Change 1999-2000	(8.8) %			(0.6)			(20.5) %			(1.5)			(18.4) %			(1.1)			5.0 %					
2001	3,450	2,675	4,226	5.2	4.0	6.4	1,117	831	1,403	6.4	4.8	8.0	723	506	940	5.4	3.8	7.1	55,138	51,481	59,055			
Change 2000-2001	3.1 %			0.1			(3.1) %			(0.1)			0.4 %			(0.1)			0.1 %					
2002	3,729	2,881	4,577	5.5	4.3	6.8	1,144	850	1,438	6.6	4.9	8.3	744	526	962	5.6	4.0	7.3	56,152	52,436	60,131			
Change 2001-2002	8.1 %			0.3			2.4 %			0.2			2.9 %			0.2			1.8 %					
2003	3,841	2,966	4,716	5.6	4.3	6.9	1,297	959	1,635	7.4	5.5	9.4	846	596	1,096	6.4	4.5	8.2	55,287	51,901	58,894			
Change 2001-2003	3.0 %			0.1			13.4 %			0.8			13.7 %			0.8			(1.5) %					
Change 1997-2003	1.5 %			(0.3)			(23.1) %			(1.9)			(24.9) %			(1.9)			9.4 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Crawford County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,011	1,527	2,496	14.6	11.1	18.1	946	693	1,199	25.8	18.9	32.7	634	450	818	24.0	17.0	30.9	29,587	26,478	32,679			
1998	2,027	1,565	2,488	14.6	11.2	17.9	795	585	1,006	21.9	16.1	27.7	598	423	773	22.5	15.9	29.0	30,332	27,273	33,375			
Change 1997-1998	0.8 %			0.0 percentage points			(16.0) %			(3.9) percentage points			(5.7) %			(1.5) percentage points			2.5 %					
1999	1,816	1,380	2,252	13.0	9.9	16.2	676	497	855	19.5	14.3	24.7	484	338	630	18.8	13.1	24.4	32,026	29,980	34,211			
Change 1998-1999	(10.4) %			1.6			(15.0) %			(2.4)			(19.1) %			(3.7)			5.6 %					
2000	1,876	1,467	2,285	13.3	10.4	16.2	703	539	867	20.9	16.0	25.7	473	347	599	18.6	13.6	23.5	34,044	31,592	36,685			
Change 1999-2000	3.3 %			0.3			4.0 %			1.4			(2.3) %			(0.2)			6.3 %					
2001	1,843	1,432	2,255	12.9	10.1	15.8	654	489	820	19.8	14.8	24.8	451	318	584	17.8	12.5	23.0	33,059	30,876	35,396			
Change 2000-2001	(1.8) %			(0.4)			(7.0) %			(1.1)			(4.7) %			(0.8)			(2.9) %					
2002	2,006	1,540	2,473	13.9	10.7	17.2	593	441	745	18.2	13.5	22.8	439	312	566	17.6	12.5	22.8	32,612	30,449	34,929			
Change 2001-2002	8.8 %			1.0			(9.3) %			(1.6)			(2.7) %			(0.2)			(1.4) %					
2003	1,802	1,379	2,224	12.5	9.6	15.4	633	468	798	19.7	14.5	24.8	446	315	577	18.0	12.7	23.3	32,773	30,768	34,910			
Change 2001-2003	(10.2) %			(1.4)			6.7 %			1.5			1.6 %			0.4			0.5 %					
Change 1997-2003	(10.4) %			(2.1)			(33.1) %			(6.1)			(29.7) %			(6.0)			10.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Delta County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	4,764	3,739	5,788	12.2	9.5	14.8	1,873	1,439	2,307	18.0	13.8	22.2	1,374	1,034	1,714	17.3	13.0	21.5	33,301	30,165	36,420			
1998	4,741	3,736	5,745	12.1	9.6	14.7	1,716	1,305	2,127	16.7	12.7	20.7	1,315	962	1,668	16.6	12.1	21.0	34,685	31,583	37,771			
Change 1997-1998	(0.5) %			(0.1) percentage points			(8.4) %			(1.3) percentage points			(4.3) %			(0.7) percentage points			4.2 %					
1999	3,822	2,943	4,701	10.0	7.7	12.3	1,282	956	1,609	14.1	10.5	17.7	831	587	1,075	12.2	8.6	15.8	35,283	33,037	37,681			
Change 1998-1999	(19.4) %			2.1			(25.3) %			(2.6)			(36.8) %			(4.4)			1.7 %					
2000	3,717	2,923	4,511	9.8	7.7	11.9	1,082	830	1,333	12.4	9.6	15.3	684	502	866	10.5	7.7	13.3	36,795	34,137	39,660			
Change 1999-2000	(2.7) %			(0.2)			(15.6) %			(1.7)			(17.7) %			(1.7)			4.3 %					
2001	3,783	2,949	4,617	9.9	7.8	12.1	1,098	818	1,377	12.8	9.5	16.0	721	506	936	11.3	7.9	14.6	35,826	33,443	38,380			
Change 2000-2001	1.8 %			0.1			1.5 %			0.4			5.4 %			0.8			(2.6) %					
2002	4,038	3,121	4,955	10.6	8.2	13.0	1,138	847	1,429	13.5	10.0	16.9	772	548	996	12.4	8.8	16.0	36,268	33,844	38,867			
Change 2001-2002	6.7 %			0.7			3.6 %			0.7			7.1 %			1.1			1.2 %					
2003	3,956	3,041	4,872	10.4	8.0	12.8	1,206	892	1,520	14.5	10.8	18.3	806	569	1,043	13.1	9.2	16.9	37,221	34,934	39,658			
Change 2001-2003	(2.0) %			(0.2)			6.0 %			1.0			4.4 %			0.7			2.6 %					
Change 1997-2003	(17.0) %			(1.8)			(35.6) %			(3.5)			(41.3) %			(4.2)			11.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Dickinson County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,499	1,953	3,045	9.2	7.2	11.2	958	727	1,188	13.5	10.2	16.7	692	514	870	13.0	9.7	16.3	35,854	32,736	38,956			
1998	2,572	2,018	3,126	9.5	7.5	11.5	942	708	1,176	13.4	10.1	16.8	687	498	876	12.9	9.4	16.5	37,118	34,017	40,203			
Change 1997-1998	2.9 %			0.3 percentage points			(1.7) %			(0.1) percentage points			(0.7) %			(0.1) percentage points			3.5 %					
1999	2,395	1,843	2,947	8.8	6.8	10.8	864	645	1,082	12.6	9.4	15.8	593	421	765	11.4	8.1	14.7	35,646	33,362	38,087			
Change 1998-1999	(6.9) %			0.7			(8.3) %			(0.8)			(13.7) %			(1.5)			(4.0) %					
2000	2,329	1,829	2,829	8.6	6.8	10.5	737	566	908	11.2	8.6	13.8	486	357	615	9.7	7.1	12.2	36,909	34,223	39,806			
Change 1999-2000	(2.8) %			(0.2)			(14.7) %			(1.4)			(18.0) %			(1.7)			3.5 %					
2001	2,273	1,770	2,777	8.4	6.6	10.3	674	503	846	10.5	7.9	13.2	448	315	581	9.1	6.4	11.8	36,267	33,838	38,870			
Change 2000-2001	(2.4) %			(0.2)			(8.5) %			(0.7)			(7.8) %			(0.6)			(1.7) %					
2002	2,426	1,871	2,980	9.0	6.9	11.0	652	485	819	10.4	7.7	13.1	444	315	573	9.2	6.5	11.9	37,208	34,709	39,887			
Change 2001-2002	6.7 %			0.6			(3.3) %			(0.1)			(0.9) %			0.1			2.6 %					
2003	2,499	1,921	3,078	9.2	7.1	11.4	755	560	949	12.1	8.9	15.2	519	368	670	10.8	7.7	14.0	37,717	35,405	40,179			
Change 2001-2003	3.0 %			0.2			15.8 %			1.7			16.9 %			1.6			1.4 %					
Change 1997-2003	0.0 %			0.0			(21.2) %			(1.4)			(25.0) %			(2.2)			5.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

41,104
(8.2) %

Small Area Income & Poverty Estimates

Michigan, Eaton County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	7,196	5,642	8,750	7.1	5.5	8.6	3,159	2,413	3,905	11.4	8.7	14.1	2,188	1,629	2,747	10.5	7.8	13.2	46,527	43,568	49,470			
1998	7,635	6,015	9,255	7.5	5.9	9.1	3,114	2,357	3,870	11.3	8.5	14.0	2,051	1,496	2,606	9.8	7.1	12.4	48,279	45,341	51,202			
Change 1997-1998	6.1 %			0.4 percentage points			(1.4) %			(0.1) percentage points			(6.3) %			(0.7) percentage points			3.8 %					
1999	6,868	5,305	8,431	6.7	5.2	8.2	2,664	1,993	3,335	9.9	7.4	12.4	1,599	1,138	2,060	8.1	5.7	10.4	49,000	45,998	52,198			
Change 1998-1999	(10.0) %			0.8			(14.5) %			(1.4)			(22.0) %			(1.7)			1.5 %					
2000	6,795	5,366	8,224	6.6	5.2	8.0	2,280	1,763	2,797	8.7	6.7	10.6	1,440	1,067	1,813	7.4	5.5	9.3	50,873	47,293	54,725			
Change 1999-2000	(1.1) %			(0.1)			(14.4) %			(1.2)			(9.9) %			(0.7)			3.8 %					
2001	6,877	5,392	8,362	6.6	5.2	8.0	2,156	1,625	2,688	8.2	6.2	10.3	1,414	1,007	1,821	7.2	5.2	9.3	49,796	46,571	53,244			
Change 2000-2001	1.2 %			0.0			(5.4) %			(0.5)			(1.8) %			(0.2)			(2.1) %					
2002	7,705	5,989	9,422	7.3	5.7	8.9	2,347	1,762	2,932	9.1	6.8	11.3	1,554	1,115	1,993	8.1	5.8	10.3	50,534	47,248	54,050			
Change 2001-2002	12.0 %			0.7			8.9 %			0.9			9.9 %			0.9			1.5 %					
2003	8,218	6,381	10,055	7.8	6.0	9.5	2,630	1,969	3,291	10.3	7.7	12.9	1,723	1,235	2,211	9.1	6.5	11.6	50,983	47,953	54,204			
Change 2001-2003	6.7 %			0.5			12.1 %			1.2			10.9 %			1.0			0.9 %					
Change 1997-2003	14.2 %			0.7			(16.7) %			(1.1)			(21.3) %			(1.4)			9.6 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Emmet County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,541	1,969	3,113	8.8	6.8	10.8	1,080	809	1,351	14.0	10.5	17.5	767	562	972	13.7	10.0	17.4	36,641	33,546	39,720			
1998	2,495	1,946	3,043	8.6	6.7	10.5	919	682	1,155	11.9	8.8	15.0	702	504	900	12.4	8.9	15.9	38,139	35,058	41,204			
Change 1997-1998	(1.8) %			(0.2) percentage points			(14.9) %			(2.1) percentage points			(8.5) %			(1.3) percentage points			4.1 %					
1999	2,318	1,772	2,863	7.5	5.7	9.2	856	627	1,086	10.8	7.9	13.7	537	374	700	9.2	6.4	12.0	39,493	37,038	42,110			
Change 1998-1999	(7.1) %			1.1			(6.9) %			(1.1)			(23.5) %			(3.2)			3.6 %					
2000	2,365	1,853	2,876	7.5	5.9	9.1	766	586	947	9.9	7.5	12.2	507	371	643	8.8	6.4	11.1	41,521	38,548	44,724			
Change 1999-2000	2.0 %			0.0			(10.5) %			(0.9)			(5.6) %			(0.4)			5.1 %					
2001	2,445	1,900	2,991	7.6	5.9	9.3	721	538	905	9.3	6.9	11.7	496	349	643	8.5	6.0	11.0	40,811	38,118	43,694			
Change 2000-2001	3.4 %			0.1			(5.9) %			(0.6)			(2.2) %			(0.3)			(1.7) %					
2002	2,606	2,009	3,203	8.0	6.2	9.8	716	533	899	9.3	7.0	11.7	503	358	648	8.8	6.3	11.4	41,756	38,984	44,725			
Change 2001-2002	6.6 %			0.4			(0.7) %			0.0			1.4 %			0.3			2.3 %					
2003	2,641	2,026	3,255	8.0	6.1	9.9	836	617	1,056	10.8	8.0	13.7	568	400	736	9.8	6.9	12.7	42,809	40,203	45,584			
Change 2001-2003	1.3 %			0.0			16.8 %			1.5			12.9 %			1.0			2.5 %					
Change 1997-2003	3.9 %			(0.8)			(22.6) %			(3.2)			(25.9) %			(3.9)			16.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Genesee County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																					
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																						
1997	62,559	49,495	75,623	14.2	11.3	17.2	28,592	22,206	34,978	23.5	18.3	28.8	19,206	14,606	23,806	21.5	16.3	26.6	40,153	37,415	42,876																						
1998	64,277	51,056	77,498	14.6	11.6	17.6	27,513	21,178	33,847	22.8	17.5	28.0	18,410	13,635	23,185	20.4	15.1	25.7	40,296	37,566	43,012																						
Change 1997-1998	2.7 %	0.4 percentage points				(3.8)%	(0.7) percentage points				(4.1) %				(1.1) percentage points				0.4 %																								
1999	54,694	42,604	66,784	12.6	9.8	15.4	22,063	16,776	27,350	18.6	14.2	23.1	14,882	10,765	18,999	17.6	12.7	22.5	39,988	37,639	42,482																						
Change 1998-1999	(14.9) %	(2.0)				(19.8) %	(4.2)				(19.2) %				(2.8)				(0.8) %																								
2000	52,386	41,671	63,101	12.0	9.6	14.5	21,547	16,884	26,210	18.4	14.4	22.4	13,648	10,241	17,055	16.2	12.2	20.3	42,011	39,257	44,958																						
Change 1999-2000	(4.2) %	(0.6)				(2.3) %	(0.2)				(8.3) %				(1.4)				5.1 %																								
2001	50,890	40,198	61,582	11.6	9.2	14.1	21,087	16,085	26,089	18.0	13.7	22.2	13,676	9,863	17,489	16.1	11.6	20.5	40,463	37,920	43,176																						
Change 2000-2001	(2.9) %	(0.4)				(2.1) %	(0.4)				0.2 %				(0.1)				(3.7) %																								
2002	57,416	45,008	69,823	13.0	10.2	15.8	22,149	16,872	27,425	18.8	14.3	23.3	14,845	10,822	18,868	17.5	12.7	22.2	39,824	37,316	42,500																						
Change 2001-2002	12.8 %	1.4				5.0 %	0.8				8.5 %				1.4				(1.6) %																								
2003	58,541	45,852	71,231	13.3	10.4	16.1	22,812	17,275	28,350	19.5	14.7	24.2	15,256	11,080	19,432	17.9	13.0	22.8	40,262	37,954	42,711																						
Change 2001-2003	2.0 %	0.3				3.0 %	0.7				2.8 %				0.4				1.1 %																								
Change 1997-2003	(6.4) %			(0.9)			(20.2) %			(4.0)			(20.6) %			(3.6)			0.3 %																								
...1997 median household income in 2003 dollars																						46,032																					
Change 1997-2003 using 1997 median household income in 2003 dollars																						(12.5) %																					

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Gladwin County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	3,931	3,071	4,792	15.4	12.0	18.7	1,631	1,225	2,037	24.5	18.4	30.6	1,270	932	1,608	25.8	19.0	32.7	27,911	24,746	31,060															
1998	3,823	2,996	4,651	14.7	11.6	17.9	1,335	985	1,684	20.1	14.8	25.3	1,164	830	1,498	23.4	16.7	30.1	30,446	27,302	33,572															
Change 1997-1998	(2.7) %	(0.7) percentage points					(18.1) %	(4.4) percentage points					(8.3) %	(2.4) percentage points					9.1 %																	
1999	3,102	2,379	3,824	12.0	9.2	14.8	1,144	847	1,442	19.0	14.1	24.0	824	578	1,070	18.5	13.0	24.0	31,484	29,423	33,690															
Change 1998-1999	(18.9) %	(2.7)					(14.3) %	(1.1)					(29.2) %	(4.9)					3.4 %																	
2000	3,305	2,596	4,013	12.6	9.9	15.3	1,232	947	1,516	20.7	15.9	25.5	850	625	1,075	19.4	14.2	24.5	33,150	30,723	35,769															
Change 1999-2000	6.5 %	0.6					7.7 %	1.7					3.2 %	0.9					5.3 %																	
2001	3,313	2,583	4,044	12.5	9.7	15.3	1,190	891	1,488	20.1	15.1	25.2	835	590	1,080	18.9	13.4	24.4	32,005	29,864	34,300															
Change 2000-2001	0.2 %	(0.1)					(3.4) %	(0.6)					(1.8) %	(0.5)					(3.5) %																	
2002	3,459	2,673	4,245	12.9	10.0	15.8	1,080	808	1,351	18.3	13.7	22.8	797	569	1,025	18.2	13.0	23.4	32,356	30,185	34,683															
Change 2001-2002	4.4 %	0.4					(9.2) %	(1.8)					(4.6) %	(0.7)					1.1 %																	
2003	3,321	2,553	4,088	12.3	9.5	15.1	1,139	845	1,433	19.6	14.5	24.6	805	570	1,040	18.5	13.1	23.8	33,407	31,359	35,588															
Change 2001-2003	(4.0) %	(0.6)					5.5 %	1.3					1.0 %	0.3					3.2 %																	
Change 1997-2003	(15.5) %	(3.1)					(30.2) %	(4.9)					(36.6) %	(7.3)					19.7 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

31,998
4.4 %

Small Area Income & Poverty Estimates

Michigan, Gogebic County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,645	2,058	3,233	15.7	12.2	19.2	964	726	1,203	24.8	18.7	31.0	684	504	864	23.2	17.1	29.3	26,003	22,846	29,144			
1998	2,505	1,958	3,052	15.1	11.8	18.4	807	602	1,013	21.4	15.9	26.8	642	463	821	22.1	15.9	28.2	27,186	24,067	30,288			
Change 1997-1998	(5.3) %			(0.6) percentage points			(16.3) %			(3.4) percentage points			(6.1) %			(1.1) percentage points			4.5 %					
1999	2,165	1,659	2,670	12.9	9.9	16.0	678	501	854	19.4	14.4	24.5	494	347	641	19.0	13.3	24.6	27,585	25,805	29,487			
Change 1998-1999	(13.6) %			2.2			(16.0) %			(2.0)			(23.1) %			(3.1)			1.5 %					
2000	2,314	1,798	2,830	14.2	11.0	17.3	616	471	761	18.9	14.4	23.3	408	298	518	16.5	12.1	21.0	28,536	26,422	30,821			
Change 1999-2000	6.9 %			1.3			(9.1) %			(0.5)			(17.4) %			(2.5)			3.4 %					
2001	2,231	1,720	2,743	13.8	10.7	17.0	549	408	690	17.3	12.9	21.8	369	259	479	15.1	10.6	19.6	27,499	25,610	29,526			
Change 2000-2001	(3.6) %			(0.4)			(10.9) %			(1.6)			(9.6) %			(1.4)			(3.6) %					
2002	2,324	1,777	2,871	14.5	11.1	17.9	528	392	665	17.3	12.8	21.8	375	265	485	16.0	11.3	20.6	27,829	25,915	29,885			
Change 2001-2002	4.2 %			0.7			(3.8) %			0.0			1.6 %			0.9			1.2 %					
2003	2,082	1,594	2,571	13.3	10.2	16.4	554	409	698	18.5	13.7	23.4	388	274	502	16.7	11.8	21.6	28,193	26,422	30,083			
Change 2001-2003	(10.4) %			(1.2)			4.9 %			1.2			3.5 %			0.7			1.3 %					
Change 1997-2003	(21.3) %			(2.4)			(42.5) %			(6.3)			(43.3) %			(6.5)			8.4 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Grand Traverse County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	5,656	4,413	6,899	7.6	5.9	9.3	2,349	1,794	2,904	11.6	8.9	14.3	1,686	1,262	2,110	11.4	8.5	14.3	39,841	36,740	42,925			
1998	5,825	4,563	7,088	7.7	6.0	9.4	2,294	1,736	2,853	11.3	8.5	14.0	1,589	1,159	2,019	10.6	7.7	13.4	41,264	38,190	44,320			
Change 1997-1998	3.0 %			0.1 percentage points			(2.3) %			(0.3) percentage points			(5.8) %			(0.8) percentage points			3.6 %					
1999	5,125	3,917	6,333	6.7	5.1	8.2	1,805	1,318	2,293	9.2	6.7	11.7	1,050	721	1,379	7.2	5.0	9.5	42,234	39,556	45,092			
Change 1998-1999	(12.0) %			1.0			(21.3) %			(2.1)			(33.9) %			(3.4)			2.4 %					
2000	5,202	4,066	6,339	6.7	5.2	8.1	1,631	1,235	2,027	8.5	6.4	10.5	1,023	739	1,307	7.2	5.2	9.2	44,515	41,309	47,970			
Change 1999-2000	1.5 %			0.0			(9.6) %			(0.7)			(2.6) %			0.0			5.4 %					
2001	5,540	4,297	6,782	7.0	5.4	8.6	1,598	1,181	2,015	8.3	6.2	10.5	1,055	734	1,376	7.4	5.1	9.6	43,365	40,483	46,452			
Change 2000-2001	6.5 %			0.3			(2.0) %			(0.2)			3.1 %			0.2			(2.6) %					
2002	6,172	4,747	7,596	7.7	5.9	9.4	1,689	1,249	2,130	8.9	6.6	11.2	1,134	798	1,470	8.0	5.7	10.4	43,411	40,527	46,500			
Change 2001-2002	11.4 %			0.7			5.7 %			0.6			7.5 %			0.6			0.1 %					
2003	6,354	4,865	7,843	7.8	6.0	9.7	1,948	1,429	2,467	10.3	7.6	13.1	1,265	884	1,646	9.0	6.3	11.7	43,817	41,145	46,662			
Change 2001-2003	2.9 %			0.1			15.3 %			1.4			11.6 %			1.0			0.9 %					
Change 1997-2003	12.3 %			0.2			(17.1) %			(1.3)			(25.0) %			(2.4)			10.0 %					
...1997 median household income in 2003 dollars																			45,674					
Change 1997-2003 using 1997 median household income in 2003 dollars																			(4.1) %					

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Gratiot County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																			
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																				
1997	4,599	3,515	5,683	12.0	9.2	14.8	1,994	1,471	2,517	18.2	13.4	23.0	1,354	973	1,735	16.5	11.9	21.1	33,952	30,870	37,017																				
1998	4,797	3,685	5,909	12.6	9.6	15.5	2,031	1,477	2,584	18.8	13.7	23.9	1,302	915	1,689	15.9	11.2	20.6	35,171	32,112	38,213																				
Change 1997-1998	4.3 %	0.6 percentage points					1.9 %	0.6 percentage points					(3.8) %	(0.6) percentage points					3.6 %																						
1999	3,938	2,996	4,880	10.5	8.0	13.0	1,369	971	1,768	13.7	9.7	17.8	970	651	1,289	13.4	9.0	17.8	36,163	33,908	38,569																				
Change 1998-1999	(17.9) %	(2.1)					(32.6) %	(5.1)					(25.5) %	(2.5)					2.8 %																						
2000	4,063	3,181	4,944	10.8	8.5	13.2	1,295	999	1,592	13.4	10.3	16.5	860	634	1,086	12.2	9.0	15.4	37,665	34,940	40,602																				
Change 1999-2000	3.2 %	0.3					(5.4) %	(0.3)					(11.3) %	(1.2)					4.2 %																						
2001	4,242	3,299	5,185	11.3	8.8	13.8	1,303	976	1,630	13.6	10.2	17.0	876	619	1,133	12.5	8.8	16.2	36,601	34,174	39,201																				
Change 2000-2001	4.4 %	0.5					0.6 %	0.2					1.9 %	0.3					(2.8) %																						
2002	4,653	3,582	5,724	12.3	9.5	15.1	1,321	988	1,654	13.9	10.4	17.4	925	660	1,190	13.3	9.5	17.1	36,528	34,094	39,137																				
Change 2001-2002	9.7 %	1.0					1.4 %	0.3					5.6 %	0.8					(0.2) %																						
2003	4,265	3,274	5,257	11.3	8.7	14.0	1,382	1,027	1,738	14.7	10.9	18.5	945	671	1,219	13.7	9.8	17.7	37,197	34,932	39,608																				
Change 2001-2003	(8.3) %	(1.0)					4.6 %	0.8					2.2 %	0.4					1.8 %																						
Change 1997-2003	(7.3) %		(0.7)		(30.7) %		(3.5)		(30.2) %		(2.8)		9.6 %																												
...1997 median household income in 2003 dollars																																									
Change 1997-2003 using 1997 median household income in 2003 dollars																																									

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Hillsdale County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	5,100	3,990	6,211	11.1	8.7	13.5	2,169	1,656	2,682	16.5	12.6	20.4	1,573	1,175	1,971	16.4	12.3	20.6	35,694	32,621	38,750															
1998	5,095	4,002	6,187	11.0	8.6	13.3	1,959	1,478	2,440	14.9	11.3	18.6	1,452	1,056	1,848	15.0	10.9	19.1	37,329	34,291	40,351															
Change 1997-1998	(0.1) %	(0.1) percentage points					(9.7) %	(1.6) percentage points					(7.7) %	(1.4) percentage points					4.6 %																	
1999	4,107	3,132	5,082	9.0	6.9	11.2	1,606	1,176	2,037	13.3	9.7	16.9	967	660	1,274	11.1	7.6	14.6	38,962	36,535	41,549															
Change 1998-1999	(19.4) %	2.0					(18.0) %	(1.6)					(33.4) %	(3.9)					4.4 %																	
2000	4,311	3,354	5,268	9.4	7.3	11.5	1,643	1,245	2,042	14.0	10.6	17.4	1,052	756	1,348	12.4	8.9	15.9	40,889	37,968	44,034															
Change 1999-2000	5.0 %	0.4					2.3 %	0.7					8.8 %	1.3					4.9 %																	
2001	4,735	3,656	5,814	10.3	8.0	12.7	1,648	1,219	2,078	14.1	10.5	17.8	1,107	767	1,447	13.1	9.1	17.1	39,491	36,868	42,300															
Change 2000-2001	9.8 %	0.9					0.3 %	0.1					5.2 %	0.7					(3.4) %																	
2002	5,075	3,890	6,260	11.0	8.4	13.5	1,699	1,254	2,144	14.6	10.8	18.5	1,207	844	1,570	14.4	10.1	18.8	39,710	37,064	42,544															
Change 2001-2002	7.2 %	0.7					3.1 %	0.5					9.0 %	1.3					0.6 %																	
2003	4,658	3,562	5,754	10.0	7.7	12.4	1,715	1,261	2,168	14.8	10.9	18.8	1,129	787	1,471	13.6	9.5	17.7	40,061	37,609	42,673															
Change 2001-2003	(8.2) %	(1.0)					0.9 %	0.2					(6.5) %	(0.8)					0.9 %																	
Change 1997-2003	(8.7) %	(1.1)					(20.9) %	(1.7)					(28.2) %	(2.8)					12.2 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Houghton County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	5,032	3,925	6,139	15.0	11.7	18.3	1,662	1,275	2,049	19.8	15.2	24.4	1,204	905	1,503	19.4	14.6	24.3	28,170	25,013	31,309			
1998	5,006	3,923	6,089	15.0	11.8	18.3	1,579	1,200	1,958	19.1	14.5	23.7	1,196	875	1,517	19.4	14.2	24.6	29,540	26,382	32,681			
Change 1997-1998	(0.5) %			0.0 percentage points			(5.0) %			(0.7) percentage points			(0.7) %			0.0 percentage points			4.9 %					
1999	4,406	3,375	5,437	13.2	10.1	16.3	1,345	1,012	1,678	17.1	12.8	21.3	904	646	1,162	15.7	11.2	20.2	29,221	27,333	31,239			
Change 1998-1999	(12.0) %			1.8			(14.8) %			(2.0)			(24.4) %			(3.7)			(1.1) %					
2000	4,559	3,555	5,562	13.8	10.8	16.9	1,230	950	1,511	16.2	12.5	20.0	787	581	993	14.2	10.5	17.9	30,163	27,944	32,559			
Change 1999-2000	3.5 %			0.6			(8.6) %			(0.9)			(12.9) %			(1.5)			3.2 %					
2001	4,456	3,442	5,469	13.4	10.4	16.5	1,113	834	1,392	14.8	11.1	18.5	729	516	942	13.1	9.3	17.0	29,198	27,222	31,317			
Change 2000-2001	(2.3) %			(0.4)			(9.5) %			(1.4)			(7.4) %			(1.1)			(3.2) %					
2002	4,813	3,685	5,941	14.3	11.0	17.7	1,099	822	1,375	14.6	10.9	18.3	763	545	981	13.9	10.0	17.9	29,313	27,314	31,459			
Change 2001-2002	8.0 %			0.9			(1.3) %			(0.2)			4.7 %			0.8			0.4 %					
2003	4,421	3,388	5,454	13.5	10.3	16.6	1,176	871	1,480	16.3	12.1	20.5	792	560	1,024	14.9	10.5	19.2	29,989	28,125	31,975			
Change 2001-2003	(8.1) %			(0.8)			7.0 %			1.7			3.8 %			1.0			2.3 %					
Change 1997-2003	(12.1) %			(1.5)			(29.2) %			(3.5)			(34.2) %			(4.5)			6.5 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Huron County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	4,279	3,350	5,208	12.0	9.4	14.7	1,686	1,296	2,076	17.6	13.6	21.7	1,220	918	1,522	17.0	12.8	21.2	33,362	30,472	36,237			
1998	4,314	3,383	5,245	12.2	9.5	14.8	1,561	1,185	1,936	16.5	12.5	20.5	1,103	807	1,399	15.4	11.2	19.5	34,809	31,936	37,665			
Change 1997-1998	0.8 %			0.2 percentage points			(7.4) %			(1.1) percentage points			(9.6) %			(1.6) percentage points			4.3 %					
1999	3,719	2,875	4,563	10.3	8.0	12.7	1,236	926	1,546	14.2	10.6	17.8	863	614	1,112	13.2	9.4	17.0	35,733	33,555	38,051			
Change 1998-1999	(13.8) %			1.9			(20.8) %			(2.3)			(21.8) %			(2.2)			2.7 %					
2000	3,759	2,971	4,546	10.6	8.4	12.8	1,196	927	1,466	14.4	11.2	17.7	780	579	981	12.5	9.3	15.7	36,778	34,254	39,488			
Change 1999-2000	1.1 %			0.3			(3.2) %			0.2			(9.6) %			(0.7)			2.9 %					
2001	3,942	3,087	4,796	11.2	8.8	13.7	1,230	925	1,535	15.3	11.5	19.1	798	568	1,028	12.9	9.2	16.7	35,384	33,065	37,865			
Change 2000-2001	4.9 %			0.6			2.8 %			0.9			2.3 %			0.4			(3.8) %					
2002	4,176	3,247	5,106	11.9	9.3	14.6	1,205	905	1,505	15.4	11.5	19.2	830	597	1,063	13.9	10.0	17.8	35,533	33,210	38,018			
Change 2001-2002	5.9 %			0.7			(2.0) %			0.1			4.0 %			1.0			0.4 %					
2003	3,765	2,923	4,608	10.8	8.4	13.3	1,191	892	1,490	15.5	11.6	19.4	803	576	1,030	13.7	9.8	17.5	35,812	33,631	38,134			
Change 2001-2003	(9.8) %			(1.1)			(1.2) %			0.1			(3.3) %			(0.2)			0.8 %					
Change 1997-2003	(12.0) %			(1.2)			(29.4) %			(2.1)			(34.2) %			(3.3)			7.3 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Ingham County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																				
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																					
1997	36,432	28,764	44,100	13.4	10.5	16.2	13,644	10,579	16,709	19.3	15.0	23.7	9,276	7,043	11,509	18.7	14.2	23.2	40,626	37,811	43,425																					
1998	35,300	27,966	42,633	13.0	10.3	15.7	12,136	9,311	14,962	17.4	13.4	21.5	8,838	6,528	11,148	17.8	13.2	22.5	41,743	38,919	44,551																					
Change 1997-1998	(3.1) %	(0.4) percentage points					(11.1) %	(1.9) percentage points					(4.7) %	(0.9) percentage points					2.7 %																							
1999	30,185	23,402	36,967	11.4	8.8	14.0	10,033	7,648	12,417	15.5	11.8	19.2	6,507	4,717	8,297	14.2	10.3	18.1	40,773	38,298	43,409																					
Change 1998-1999	(14.5) %	1.6					(17.3) %	(1.9)					(26.4) %	(3.6)					(2.3) %																							
2000	30,235	23,944	36,527	11.4	9.0	13.8	9,308	7,287	11,329	14.4	11.3	17.5	5,887	4,412	7,362	12.9	9.7	16.1	42,551	39,641	45,675																					
Change 1999-2000	0.2 %	0.0					(7.2) %	(1.1)					(9.5) %	(1.3)					4.4 %																							
2001	29,203	22,927	35,478	11.0	8.6	13.3	8,500	6,465	10,535	13.1	10.0	16.3	5,567	4,003	7,131	12.1	8.7	15.5	41,478	38,815	44,324																					
Change 2000-2001	(3.4) %	(0.4)					(8.7) %	(1.3)					(5.4) %	(0.8)					(2.5) %																							
2002	32,884	25,632	40,137	12.3	9.6	15.0	9,204	6,992	11,417	14.2	10.8	17.6	6,232	4,528	7,936	13.6	9.9	17.3	40,665	38,062	43,445																					
Change 2001-2002	12.6 %	1.3					8.3 %	1.1					11.9 %	1.5					(2.0) %																							
2003	33,509	26,115	40,902	12.7	9.9	15.4	10,116	7,638	12,594	15.9	12.0	19.8	6,784	4,910	8,658	15.0	10.9	19.2	40,994	38,600	43,536																					
Change 2001-2003	1.9 %	0.4					9.9 %	1.7					8.9 %	1.4					0.8 %																							
Change 1997-2003	(8.0) %			(0.7)			(25.9) %			(3.4)			(26.9) %			(3.7)			0.9 %																							
...1997 median household income in 2003 dollars																																										
Change 1997-2003 using 1997 median household income in 2003 dollars																																										

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

46,574
(12.0) %

Small Area Income & Poverty Estimates

Michigan, Ionia County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	6,397	4,993	7,801	11.1	8.7	13.6	2,461	1,892	3,030	14.0	10.7	17.2	1,825	1,370	2,280	14.2	10.6	17.7	38,443	35,425	41,445			
1998	6,072	4,758	7,386	10.5	8.2	12.8	2,277	1,730	2,824	12.9	9.8	16.1	1,716	1,254	2,178	13.2	9.6	16.8	40,687	37,674	43,683			
Change 1997-1998	(5.1) %			(0.6) percentage points			(7.5) %			(1.1) percentage points			(6.0) %			(1.0) percentage points			5.8 %					
1999	5,050	3,905	6,195	9.0	7.0	11.0	2,006	1,516	2,496	12.3	9.3	15.3	1,289	924	1,654	11.0	7.9	14.1	41,381	38,857	44,069			
Change 1998-1999	(16.8) %			1.5			(11.9) %			(0.6)			(24.9) %			(2.2)			1.7 %					
2000	5,054	3,990	6,118	9.0	7.1	10.8	1,707	1,324	2,089	10.7	8.3	13.1	1,099	817	1,381	9.4	7.0	11.9	42,239	39,294	45,405			
Change 1999-2000	0.1 %			0.0			(14.9) %			(1.6)			(14.7) %			(1.6)			2.1 %					
2001	5,269	4,124	6,414	9.3	7.3	11.3	1,659	1,254	2,063	10.4	7.9	13.0	1,088	777	1,399	9.3	6.7	12.0	41,524	38,825	44,411			
Change 2000-2001	4.3 %			0.3			(2.8) %			(0.3)			(1.0) %			(0.1)			(1.7) %					
2002	5,729	4,445	7,013	10.0	7.7	12.2	1,655	1,248	2,063	10.5	7.9	13.1	1,111	800	1,422	9.6	6.9	12.3	42,000	39,256	44,936			
Change 2001-2002	8.7 %			0.7			(0.2) %			0.1			2.1 %			0.3			1.1 %					
2003	5,453	4,224	6,681	9.4	7.3	11.5	1,805	1,352	2,257	11.4	8.6	14.3	1,193	855	1,531	10.3	7.4	13.3	43,780	41,172	46,553			
Change 2001-2003	(4.8) %			(0.6)			9.1 %			0.9			7.4 %			0.7			4.2 %					
Change 1997-2003	(14.8) %			(1.7)			(26.7) %			(2.6)			(34.6) %			(3.9)			13.9 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Iosco County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	3,503	2,744	4,262	13.6	10.6	16.5	1,443	1,103	1,784	21.9	16.7	27.1	1,062	793	1,331	23.1	17.3	29.0	27,140	23,964	30,298			
1998	3,570	2,804	4,336	14.0	11.0	17.1	1,286	974	1,598	20.2	15.3	25.1	1,000	729	1,271	22.3	16.3	28.4	27,950	24,780	31,103			
Change 1997-1998	1.9 %			0.4 percentage points			(10.9) %			(1.7) percentage points			(5.8) %			(0.8) percentage points			3.0 %					
1999	3,325	2,559	4,092	12.3	9.4	15.1	1,177	882	1,471	19.5	14.6	24.4	842	600	1,084	18.3	13.1	23.6	30,090	28,136	32,180			
Change 1998-1999	(6.9) %			1.7			(8.5) %			(0.7)			(15.8) %			(4.0)			7.7 %					
2000	3,351	2,633	4,069	12.5	9.8	15.2	1,163	897	1,428	20.1	15.5	24.6	795	587	1,003	18.0	13.3	22.7	31,792	29,481	34,285			
Change 1999-2000	0.8 %			0.2			(1.2) %			0.6			(5.6) %			(0.3)			5.7 %					
2001	3,495	2,719	4,271	13.1	10.2	16.0	1,150	862	1,437	20.5	15.3	25.6	804	569	1,039	18.7	13.2	24.1	30,307	28,254	32,508			
Change 2000-2001	4.3 %			0.6			(1.1) %			0.4			1.1 %			0.7			(4.7) %					
2002	3,753	2,896	4,611	14.1	10.9	17.3	1,156	864	1,448	21.1	15.8	26.5	850	607	1,093	20.5	14.7	26.4	30,517	28,441	32,745			
Change 2001-2002	7.4 %			1.0			0.5 %			0.6			5.7 %			1.8			0.7 %					
2003	3,372	2,604	4,140	12.7	9.8	15.6	1,154	860	1,448	21.4	16.0	26.9	817	582	1,052	19.8	14.1	25.5	31,253	29,300	33,337			
Change 2001-2003	(10.2) %			(1.4)			(0.2) %			0.3			(3.9) %			(0.7)			2.4 %					
Change 1997-2003	(3.7) %			(0.9)			(20.0) %			(0.5)			(23.1) %			(3.3)			15.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Iron County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,713	1,335	2,090	13.6	10.6	16.6	568	430	706	19.8	15.0	24.6	429	318	540	19.4	14.3	24.4	25,527	22,355	28,680			
1998	1,790	1,403	2,177	14.2	11.2	17.3	574	430	719	20.3	15.2	25.4	447	323	571	20.3	14.6	25.9	26,737	23,606	29,852			
Change 1997-1998	4.5 %			0.6 percentage points			1.1 %			0.5 percentage points			4.2 %			0.9 percentage points			4.7 %					
1999	1,466	1,120	1,813	11.6	8.8	14.3	483	358	607	18.0	13.3	22.6	341	241	441	16.6	11.7	21.4	28,436	26,600	30,399			
Change 1998-1999	(18.1) %			2.6			(15.9) %			(2.3)			(23.7) %			(3.7)			6.4 %					
2000	1,542	1,202	1,882	12.4	9.7	15.2	433	331	535	17.3	13.2	21.4	285	208	362	14.5	10.6	18.5	29,553	27,397	31,878			
Change 1999-2000	5.2 %			0.8			(10.4) %			(0.7)			(16.4) %			(2.1)			3.9 %					
2001	1,476	1,144	1,808	12.0	9.3	14.7	391	291	492	16.1	11.9	20.2	263	185	341	13.8	9.7	17.9	28,533	26,615	30,588			
Change 2000-2001	(4.3) %			(0.4)			(9.7) %			(1.2)			(7.7) %			(0.7)			(3.5) %					
2002	1,529	1,174	1,883	12.4	9.5	15.3	356	263	448	15.1	11.2	19.0	253	179	327	13.8	9.7	17.8	29,012	27,061	31,103			
Change 2001-2002	3.6 %			0.4			(9.0) %			(1.0)			(3.8) %			0.0			1.7 %					
2003	1,401	1,073	1,728	11.6	8.9	14.3	400	296	504	17.1	12.7	21.6	279	197	361	15.2	10.8	19.7	30,027	28,173	32,003			
Change 2001-2003	(8.4) %			(0.8)			12.4 %			2.0			10.3 %			1.4			3.5 %					
Change 1997-2003	(18.2) %			(2.0)			(29.6) %			(2.7)			(35.0) %			(4.2)			17.6 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Isabella County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	7,406	5,756	9,056	13.9	10.8	17.0	2,396	1,846	2,945	17.3	13.3	21.3	1,745	1,317	2,173	17.4	13.1	21.7	33,561	30,534	36,572			
1998	7,445	5,818	9,071	13.8	10.8	16.8	2,339	1,788	2,890	16.9	12.9	20.8	1,703	1,253	2,153	16.7	12.3	21.2	35,537	32,532	38,526			
Change 1997-1998	0.5 %			(0.1) percentage points			(2.4) %			(0.4) percentage points			(2.4) %			(0.7) percentage points			5.9 %					
1999	6,929	5,168	8,689	12.0	8.9	15.0	1,796	1,356	2,235	14.1	10.6	17.5	1,124	804	1,444	12.2	8.7	15.7	34,452	32,185	36,878			
Change 1998-1999	(6.9) %			1.8			(23.2) %			(2.8) %			(34.0) %			(4.5) %			(3.1) %					
2000	7,439	5,687	9,192	12.8	9.8	15.8	1,648	1,281	2,015	13.2	10.3	16.2	995	739	1,251	11.1	8.3	14.0	35,497	32,897	38,302			
Change 1999-2000	7.4 %			0.8			(8.2) %			(0.9) %			(11.5) %			(1.1) %			3.0 %					
2001	7,632	5,822	9,443	13.0	9.9	16.0	1,580	1,195	1,965	12.7	9.6	15.8	1,016	724	1,308	11.4	8.1	14.6	34,127	31,817	36,606			
Change 2000-2001	2.6 %			0.2			(4.1) %			(0.5) %			2.1 %			0.3 %			(3.9) %					
2002	8,228	6,229	10,227	13.8	10.5	17.2	1,622	1,225	2,020	13.0	9.8	16.2	1,094	788	1,400	12.3	8.9	15.8	34,359	32,033	36,854			
Change 2001-2002	7.8 %			0.8			2.7 %			0.3 %			7.7 %			0.9 %			0.7 %					
2003	7,788	5,963	9,613	13.2	10.1	16.2	1,750	1,311	2,189	14.3	10.7	17.9	1,153	824	1,482	13.3	9.5	17.1	35,021	32,856	37,328			
Change 2001-2003	(5.3) %			(0.6)			7.9 %			1.3 %			5.4 %			1.0 %			1.9 %					
Change 1997-2003	5.2 %			(0.7)			(27.0) %			(3.0)			(33.9) %			(4.1)			4.4 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

38,475
(9.0) %

Small Area Income & Poverty Estimates

Michigan, Jackson County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																					
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																						
1997	17,415	13,800	21,031	11.6	9.2	14.0	6,939	5,388	8,489	17.3	13.4	21.1	4,756	3,616	5,896	16.3	12.4	20.2	38,253	35,359	41,131																						
1998	17,611	14,008	21,214	11.7	9.3	14.0	6,743	5,194	8,292	16.9	13.0	20.7	4,654	3,447	5,861	15.8	11.7	19.9	39,781	36,900	42,646																						
Change 1997-1998	1.1 %	0.1 percentage points					(2.8)%	(0.4) percentage points					(2.1) %	(0.5) percentage points					4.0 %																								
1999	15,033	11,694	18,371	10.0	7.8	12.3	5,752	4,387	7,117	14.4	11.0	17.8	3,677	2,664	4,690	12.7	9.2	16.2	41,034	38,562	43,664																						
Change 1998-1999	(14.6) %	1.7					(14.7) %	(2.5)					(21.0) %	(3.1)					3.1 %																								
2000	15,192	12,051	18,333	10.1	8.0	12.2	5,400	4,226	6,575	13.6	10.7	16.6	3,330	2,493	4,167	11.5	8.6	14.4	43,751	40,773	46,946																						
Change 1999-2000	1.1 %	0.1					(6.1) %	(0.8)					(9.4) %	(1.2)					6.6 %																								
2001	15,894	12,513	19,276	10.5	8.3	12.7	5,336	4,062	6,610	13.4	10.2	16.6	3,456	2,485	4,427	11.8	8.5	15.1	42,650	39,915	45,573																						
Change 2000-2001	4.6 %	0.4					(1.2) %	(0.2)					3.8 %	0.3					(2.5) %																								
2002	18,274	14,264	22,283	11.9	9.3	14.6	5,693	4,325	7,062	14.3	10.9	17.7	3,888	2,823	4,953	13.3	9.7	17.0	42,154	39,462	45,030																						
Change 2001-2002	15.0 %	1.4					6.7 %	0.9					12.5 %	1.5					(1.2) %																								
2003	16,770	13,081	20,459	10.9	8.5	13.3	5,869	4,430	7,308	14.8	11.2	18.4	3,917	2,832	5,002	13.5	9.7	17.2	42,556	40,069	45,199																						
Change 2001-2003	(8.2) %	(1.0)					3.1 %	0.5					0.7 %	0.2					1.0 %																								
Change 1997-2003	(3.7) %			(0.7)			(15.4) %			(2.5)			(17.6) %			(2.8)			11.2 %																								
...1997 median household income in 2003 dollars																						43,854																					
Change 1997-2003 using 1997 median household income in 2003 dollars																						(3.0) %																					

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Kalamazoo County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																			
1997	24,216	19,179	29,253	10.8	8.6	13.1	9,126	7,078	11,174	16.2	12.5	19.8	6,200	4,708	7,692	15.4	11.7	19.1	41,517	38,626	44,392																			
1998	24,944	19,838	30,049	11.1	8.9	13.4	9,156	7,036	11,275	16.4	12.6	20.1	6,164	4,554	7,774	15.3	11.3	19.2	43,370	40,508	46,217																			
Change 1997-1998	3.0 %	0.3 percentage points					0.3 %	0.2 percentage points					(0.6) %	(0.1) percentage points					4.5 %																					
1999	23,159	18,001	28,317	10.1	7.8	12.3	7,846	5,979	9,713	13.8	10.5	17.1	5,107	3,700	6,514	12.6	9.2	16.1	42,054	39,509	44,763																			
Change 1998-1999	(7.2) %	(1.0)					(14.3) %	(2.6)					(17.1) %	(2.7)					(3.0) %																					
2000	22,938	18,214	27,661	10.0	7.9	12.0	7,301	5,712	8,890	12.9	10.1	15.8	4,634	3,470	5,798	11.5	8.6	14.4	43,565	40,542	46,814																			
Change 1999-2000	(1.0) %	(0.1)					(6.9) %	(0.9)					(9.3) %	(1.1)					3.6 %																					
2001	23,070	18,179	27,960	10.0	7.8	12.1	6,987	5,316	8,659	12.3	9.4	15.2	4,564	3,281	5,847	11.2	8.1	14.4	42,016	39,311	44,907																			
Change 2000-2001	0.6 %	0.0					(4.3) %	(0.6)					(1.5) %	(0.3)					(3.6) %																					
2002	27,023	21,138	32,907	11.5	9.0	14.1	7,743	5,882	9,605	13.6	10.3	16.8	5,186	3,766	6,606	12.7	9.2	16.2	40,980	38,355	43,785																			
Change 2001-2002	17.1 %	1.5					10.8 %	1.3					13.6 %	1.5					(2.5) %																					
2003	27,850	21,731	33,970	12.0	9.4	14.6	8,239	6,215	10,263	14.6	11.0	18.2	5,480	3,961	6,999	13.5	9.8	17.3	42,179	39,723	44,787																			
Change 2001-2003	3.1 %	0.5					6.4 %	1.0					5.7 %	0.8					2.9 %																					
Change 1997-2003	15.0 %	1.2					(9.7) %	(1.6)					(11.6) %	(1.9)					1.6 %																					
...1997 median household income in 2003 dollars																						47,596																		
Change 1997-2003 using 1997 median household income in 2003 dollars																						(11.4) %																		

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Kalkaska County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,026	1,541	2,510	12.9	9.8	16.0	868	617	1,119	18.7	13.3	24.2	689	476	902	20.1	13.9	26.3	30,783	27,656	33,894			
1998	1,908	1,452	2,365	12.0	9.1	14.8	668	461	876	14.4	9.9	18.8	636	427	845	18.2	12.2	24.2	31,359	28,311	34,391			
Change 1997-1998	(5.8) %			(0.9) percentage points			(23.0) %			(4.3) percentage points			(7.7) %			(1.9) percentage points			1.9 %					
1999	1,664	1,223	2,105	10.1	7.4	12.8	679	467	892	16.4	11.2	21.5	460	300	620	15.3	10.0	20.6	33,546	31,381	35,859			
Change 1998-1999	(12.8) %			1.9			1.6 %			2.0			(27.7) %			(2.9)			7.0 %					
2000	1,835	1,432	2,238	11.0	8.6	13.4	695	527	863	16.9	12.8	21.0	482	350	614	16.1	11.7	20.5	35,593	33,008	38,379			
Change 1999-2000	10.3 %			0.9			2.4 %			0.5			4.8 %			0.8			6.1 %					
2001	1,895	1,467	2,323	11.3	8.7	13.8	671	495	847	16.3	12.0	20.6	482	337	627	16.0	11.2	20.9	34,492	32,174	36,978			
Change 2000-2001	3.3 %			0.3			(3.5) %			(0.6)			0.0 %			(0.1)			(3.1)%					
2002	2,066	1,588	2,545	12.1	9.3	14.9	703	521	885	16.9	12.6	21.3	526	373	679	17.5	12.4	22.5	34,457	32,114	36,971			
Change 2001-2002	9.0 %			0.8			4.8 %			0.6			9.1 %			1.5			(0.1) %					
2003	1,909	1,461	2,357	11.2	8.6	13.8	718	529	906	17.7	13.1	22.4	503	355	651	16.9	11.9	21.9	35,485	33,274	37,843			
Change 2001-2003	(7.6) %			(0.9)			2.1 %			0.8			(4.4) %			(0.6)			3.0 %					
Change 1997-2003	(5.8) %			(1.7)			(17.3) %			(1.0)			(27.0) %			(3.2)			15.3 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Kent County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																	
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																		
1997	47,114	37,389	56,840	8.7	6.9	10.5	21,035	16,333	25,737	13.4	10.4	16.4	13,818	10,503	17,133	12.6	9.6	15.6	44,512	41,835	47,174																		
1998	48,413	38,546	58,280	8.8	7.0	10.6	20,937	16,117	25,757	13.3	10.3	16.4	13,057	9,669	16,445	11.7	8.6	14.7	46,860	44,167	49,538																		
Change 1997-1998	2.8 %	0.1 percentage points					(0.5)%	(0.1) percentage points					(5.5) %	(0.9) percentage points					5.3 %																				
1999	46,597	36,439	56,755	8.2	6.4	10.0	18,672	14,254	23,090	11.6	8.8	14.3	11,288	8,194	14,382	9.9	7.2	12.7	45,773	43,145	48,561																		
Change 1998-1999	(3.8) %	0.6					(10.8) %	(1.7)					(13.5) %	(1.8)					(2.3) %																				
2000	47,054	37,543	56,565	8.2	6.6	9.9	17,616	13,814	21,417	10.9	8.6	13.3	10,399	7,806	12,992	9.1	6.9	11.4	47,443	44,428	50,662																		
Change 1999-2000	1.0 %	0.0					(5.7) %	(0.7)					(7.9) %	(0.8)					3.6 %																				
2001	47,762	37,833	57,690	8.3	6.6	10.0	17,193	13,123	21,263	10.6	8.1	13.1	10,349	7,467	13,231	9.0	6.5	11.5	46,558	43,786	49,505																		
Change 2000-2001	1.5 %	0.1					(2.4) %	(0.3)					(0.5) %	(0.1)					(1.9) %																				
2002	55,135	43,332	66,937	9.5	7.4	11.5	18,960	14,452	23,467	11.6	8.8	14.4	11,674	8,514	14,834	10.2	7.4	12.9	46,568	43,785	49,529																		
Change 2001-2002	15.4 %	1.2					10.3 %	1.0					12.8 %	1.2					0.0 %																				
2003	58,394	45,892	70,896	10.0	7.8	12.1	20,717	15,721	25,713	12.7	9.6	15.7	12,701	9,243	16,159	11.0	8.0	14.0	46,906	44,313	49,650																		
Change 2001-2003	5.9 %	0.5					9.3 %	1.1					8.8 %	0.8					0.7 %																				
Change 1997-2003	23.9 %	1.3					(1.5) %	(0.7)					(8.1) %	(1.6)					5.4 %																				
...1997 median household income in 2003 dollars																																							
Change 1997-2003 using 1997 median household income in 2003 dollars																																							

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

51,029
(8.1) %

Small Area Income & Poverty Estimates

Michigan, Keweenaw County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	241	183	299	11.3	8.6	14.0	78	56	100	16.5	11.9	21.1	64	45	83	17.5	12.3	22.7	24,887	21,653	28,104			
1998	245	187	304	11.2	8.5	13.8	74	53	96	15.2	10.8	19.6	69	48	90	17.9	12.3	23.4	26,059	22,635	29,464			
Change 1997-1998	1.7 %			(0.1) percentage points			(5.1)%			(1.3) percentage points			7.8 %			0.4 percentage points			4.7 %					
1999	194	142	246	8.9	6.5	11.3	66	45	87	15.6	10.6	20.6	47	30	64	15.2	9.7	20.6	28,564	26,674	30,589			
Change 1998-1999	(20.8) %			2.3			(10.8) %			0.4			(31.9)%			(2.7)			9.6 %					
2000	227	173	282	10.4	7.9	12.8	64	47	81	15.2	11.1	19.3	45	32	58	14.5	10.2	18.8	29,828	27,601	32,235			
Change 1999-2000	17.0 %			1.5			(3.0) %			(0.4)			(4.3)%			(0.7)			4.4 %					
2001	237	180	294	10.8	8.2	13.4	61	44	78	14.7	10.5	18.8	45	31	59	14.8	10.1	19.6	28,841	26,884	30,940			
Change 2000-2001	4.4 %			0.4			(4.7) %			(0.5)			0.0 %			0.3			(3.3)%					
2002	227	171	284	10.4	7.8	13.0	51	37	66	12.7	9.1	16.4	40	27	53	13.7	9.4	18.0	29,104	27,120	31,234			
Change 2001-2002	(4.2) %			(0.4)			(16.4) %			(2.0)			(11.1)%			(1.1)			0.9 %					
2003	204	154	254	9.4	7.1	11.7	53	38	69	13.1	9.2	16.9	40	27	53	14.1	9.4	18.7	29,803	27,936	31,794			
Change 2001-2003	(10.1) %			(1.0)			3.9 %			0.4			0.0 %			0.4			2.4 %					
Change 1997-2003	(15.4) %			(1.9)			(32.1) %			(3.4)			(37.5) %			(3.4)			19.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Lake County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,112	1,636	2,588	20.3	15.7	24.8	926	693	1,160	34.5	25.8	43.2	674	495	853	34.1	25.0	43.2	22,291	19,097	25,467			
1998	2,184	1,697	2,671	20.4	15.8	24.9	781	576	987	28.6	21.1	36.2	658	471	845	32.3	23.1	41.5	23,379	20,209	26,532			
Change 1997-1998	3.4 %			0.1 percentage points			(15.7) %			(5.9) percentage points			(2.4) %			(1.8) percentage points			4.9 %					
1999	1,917	1,458	2,376	17.8	13.5	22.1	631	454	807	27.1	19.5	34.6	479	328	630	28.3	19.4	37.2	25,871	24,131	27,737			
Change 1998-1999	(12.2) %			2.6			(19.2) %			(1.5)			(27.2) %			(4.0)			10.7 %					
2000	2,064	1,605	2,522	19.0	14.8	23.2	697	530	863	29.7	22.6	36.8	477	347	607	28.1	20.4	35.7	27,071	25,073	29,227			
Change 1999-2000	7.7 %			1.2			10.5 %			2.6			(0.4) %			(0.2)			4.6 %					
2001	2,034	1,571	2,498	18.8	14.5	23.1	627	466	788	27.4	20.4	34.5	441	309	573	26.0	18.2	33.7	26,228	24,452	28,134			
Change 2000-2001	(1.5) %			(0.2)			(10.0) %			(2.3)			(7.5) %			(2.1)			(3.1) %					
2002	2,279	1,731	2,828	20.6	15.6	25.6	633	467	799	27.6	20.3	34.8	487	343	631	28.4	20.0	36.8	26,173	24,392	28,083			
Change 2001-2002	12.0 %			1.8			1.0 %			0.2			10.4 %			2.4			(0.2) %					
2003	1,878	1,429	2,327	16.9	12.9	20.9	625	458	792	27.5	20.2	34.9	450	314	586	26.2	18.3	34.1	27,452	25,739	29,278			
Change 2001-2003	(17.6) %			(3.7)			(1.3) %			(0.1)			(7.6) %			(2.2)			4.9 %					
Change 1997-2003	(11.1) %			(3.4)			(32.5) %			(7.0)			(33.2) %			(7.9)			23.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Lapeer County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	6,078	4,770	7,385	6.9	5.4	8.4	2,549	1,948	3,150	9.8	7.5	12.1	1,846	1,379	2,313	9.3	6.9	11.6	47,774	44,698	50,834			
1998	6,135	4,833	7,436	6.9	5.4	8.3	2,578	1,946	3,210	9.9	7.5	12.3	1,766	1,284	2,248	8.8	6.4	11.2	50,835	47,780	53,874			
Change 1997-1998	0.9 %			0.0 percentage points			1.1 %			0.1 percentage points			(4.3) %			(0.5) percentage points			6.4 %					
1999	5,287	4,073	6,501	6.1	4.7	7.5	2,104	1,565	2,642	8.6	6.4	10.8	1,335	947	1,723	7.4	5.2	9.5	50,218	47,080	53,565			
Change 1998-1999	(13.8) %			0.8			(18.4) %			(1.3)			(24.4) %			(1.4)								
2000	5,173	4,075	6,270	5.9	4.6	7.1	1,787	1,376	2,198	7.5	5.7	9.2	1,164	860	1,468	6.5	4.8	8.2	52,480	48,775	56,465			
Change 1999-2000	(2.2) %			(0.2)			(15.1) %			(1.1)			(12.8) %			(0.9)			4.5 %					
2001	5,516	4,313	6,719	6.2	4.8	7.5	1,778	1,333	2,223	7.5	5.6	9.4	1,191	846	1,536	6.6	4.7	8.5	51,536	48,161	55,148			
Change 2000-2001	6.6 %			0.3			(0.5) %			0.0			2.3 %			0.1								
2002	6,386	4,952	7,820	7.1	5.5	8.7	1,978	1,479	2,478	8.4	6.3	10.6	1,344	963	1,725	7.5	5.4	9.7	51,656	48,277	55,271			
Change 2001-2002	15.8 %			0.9			11.2 %			0.9			12.8 %			0.9			0.2 %					
2003	6,745	5,226	8,265	7.4	5.7	9.1	2,234	1,665	2,804	9.6	7.2	12.1	1,447	1,033	1,861	8.2	5.8	10.5	51,805	48,701	55,108			
Change 2001-2003	5.6 %			0.3			12.9 %			1.2			7.7 %			0.7			0.3 %					
Change 1997-2003	11.0 %			0.5			(12.4) %			(0.2)			(21.6) %			(1.1)			8.4 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

54,769
(5.4) %

Small Area Income & Poverty Estimates

Michigan, Leelanau County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,609	1,244	1,975	8.3	6.4	10.2	641	481	801	13.0	9.8	16.3	496	364	628	14.0	10.3	17.7	41,624	38,501	44,730			
1998	1,455	1,112	1,798	7.4	5.7	9.2	485	344	625	9.9	7.0	12.8	430	296	564	12.0	8.3	15.8	43,183	40,079	46,270			
Change 1997-1998	(9.6) %			(0.9) percentage points			(24.3) %			(3.1) percentage points			(13.3) %			(2.0) percentage points			3.7 %					
1999	1,239	908	1,570	5.9	4.3	7.4	480	328	631	9.4	6.4	12.4	289	187	391	7.4	4.8	10.0	46,068	43,124	49,213			
Change 1998-1999	(14.8) %			1.5			(1.0) %			(0.5)			(32.8) %			(4.6)			6.7 %					
2000	1,452	1,125	1,779	6.8	5.3	8.3	455	344	566	9.1	6.9	11.3	292	211	373	7.6	5.5	9.7	48,142	44,680	51,872			
Change 1999-2000	17.2 %			0.9			(5.2) %			(0.3)			1.0 %			0.2			4.5 %					
2001	1,519	1,168	1,870	7.1	5.4	8.7	426	315	538	8.8	6.5	11.1	289	202	376	7.5	5.2	9.8	47,212	44,094	50,551			
Change 2000-2001	4.6 %			0.3			(6.4) %			(0.3)			(1.0) %			(0.1)			(1.9) %					
2002	1,539	1,177	1,901	7.0	5.4	8.7	421	312	531	8.8	6.5	11.1	294	207	381	7.8	5.5	10.1	48,083	44,877	51,518			
Change 2001-2002	1.3 %			(0.1)			(1.2) %			0.0			1.7 %			0.3			1.8 %					
2003	1,470	1,122	1,818	6.7	5.1	8.2	447	330	565	9.6	7.0	12.1	302	212	392	8.1	5.7	10.6	50,150	47,087	53,411			
Change 2001-2003	(4.5) %			(0.3)			6.2 %			0.8			2.7 %			0.3			4.3 %					
Change 1997-2003	(8.6) %			(1.6)			(30.3) %			(3.4)			(39.1) %			(5.9)			20.5 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Lenawee County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	8,989	7,094	10,885	9.4	7.4	11.4	3,753	2,897	4,610	13.7	10.6	16.8	2,747	2,070	3,424	13.5	10.2	16.8	40,778	37,779	43,761			
1998	8,719	6,905	10,533	9.0	7.1	10.9	3,468	2,646	4,291	12.6	9.6	15.6	2,482	1,824	3,140	12.0	8.8	15.2	42,864	39,889	45,822			
Change 1997-1998	(3.0) %			(0.4) percentage points			(7.6) %			(1.1) percentage points			(9.6) %			(1.5) percentage points			5.1 %					
1999	7,071	5,455	8,688	7.4	5.7	9.1	2,693	2,012	3,374	10.7	8.0	13.4	1,598	1,131	2,065	8.6	6.1	11.2	44,185	41,473	47,074			
Change 1998-1999	(18.9) %			1.6			(22.3) %			(1.9)			(35.6) %			(3.4)			3.1 %					
2000	7,140	5,631	8,650	7.5	5.9	9.1	2,356	1,816	2,896	9.6	7.4	11.8	1,469	1,083	1,855	8.1	5.9	10.2	46,167	42,931	49,645			
Change 1999-2000	1.0 %			0.1			(12.5) %			(1.1)			(8.1) %			(0.5)			4.5 %					
2001	7,350	5,755	8,946	7.6	6.0	9.3	2,260	1,697	2,823	9.2	6.9	11.5	1,465	1,039	1,891	8.0	5.7	10.3	45,085	42,144	48,231			
Change 2000-2001	2.9 %			0.1			(4.1) %			(0.4)			(0.3) %			(0.1)			(2.3) %					
2002	8,133	6,319	9,947	8.4	6.5	10.2	2,386	1,790	2,983	9.8	7.3	12.2	1,591	1,140	2,042	8.8	6.3	11.3	45,410	42,447	48,580			
Change 2001-2002	10.7 %			0.8			5.6 %			0.6			8.6 %			0.8			0.7 %					
2003	7,842	6,087	9,597	8.0	6.2	9.8	2,676	1,984	3,368	11.0	8.1	13.8	1,755	1,241	2,269	9.8	6.9	12.6	47,133	44,343	50,099			
Change 2001-2003	(3.6) %			(0.4)			12.2 %			1.2			10.3 %			1.0			3.8 %					
Change 1997-2003	(12.8) %			(1.4)			(28.7) %			(2.7)			(36.1) %			(3.7)			15.6 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Livingston County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	5,678	4,408	6,949	3.8	3.0	4.7	2,174	1,620	2,727	5.2	3.9	6.6	1,573	1,143	2,003	5.1	3.7	6.5	61,915	58,859	64,955			
1998	5,759	4,481	7,036	3.8	2.9	4.6	2,282	1,666	2,897	5.4	3.9	6.8	1,447	1,021	1,873	4.5	3.2	5.8	64,705	61,648	67,746			
Change 1997-1998	1.4 %			0.0 percentage points			5.0 %			0.2 percentage points			(8.0) %			(0.6) percentage points			4.5 %					
1999	5,544	4,232	6,856	3.5	2.7	4.4	2,236	1,619	2,853	5.0	3.6	6.4	1,397	956	1,838	4.3	2.9	5.6	66,805	62,530	71,373			
Change 1998-1999	(3.7) %			0.3			(2.0) %			(0.4)			(3.5) %			(0.2)			3.2 %					
2000	5,587	4,366	6,808	3.4	2.7	4.2	1,808	1,365	2,251	4.0	3.0	5.0	1,186	854	1,518	3.6	2.6	4.6	69,650	64,696	74,984			
Change 1999-2000	0.8 %			(0.1)			(19.1) %			(1.0)			(15.1) %			(0.7)			4.3 %					
2001	6,031	4,687	7,375	3.6	2.8	4.4	1,752	1,300	2,204	3.9	2.9	4.9	1,169	818	1,520	3.4	2.4	4.5	69,915	65,321	74,833			
Change 2000-2001	7.9 %			0.2			(3.1) %			(0.1)			(1.4) %			(0.2)			0.4 %					
2002	6,976	5,376	8,576	4.0	3.1	5.0	1,834	1,353	2,316	4.0	3.0	5.1	1,174	825	1,523	3.4	2.4	4.4	70,700	66,043	75,687			
Change 2001-2002	15.7 %			0.4			4.7 %			0.1			0.4 %			0.0			1.1 %					
2003	7,861	6,077	9,646	4.4	3.4	5.4	2,252	1,676	2,828	5.0	3.7	6.2	1,529	1,088	1,970	4.4	3.1	5.6	71,387	67,087	75,962			
Change 2001-2003	12.7 %			0.4			22.8 %			1.0			30.2 %			1.0			1.0 %					
Change 1997-2003	38.4 %			0.6			3.6 %			(0.2)			(2.8) %			(0.7)			15.3 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Luce County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	966	745	1,188	16.4	12.6	20.1	369	277	461	22.7	17.0	28.3	284	209	359	22.9	16.8	28.9	28,252	25,022	31,465			
1998	977	754	1,200	16.7	12.9	20.5	342	251	432	21.5	15.8	27.3	300	214	386	24.5	17.4	31.5	29,338	26,000	32,659			
Change 1997-1998	1.1 %			0.3 percentage points			(7.3)%			(1.2) percentage points			5.6 %			1.6 percentage points			3.8 %					
1999	890	674	1,107	14.7	11.1	18.3	317	233	401	21.5	15.8	27.2	229	160	298	21.2	14.8	27.5	30,605	28,620	32,727			
Change 1998-1999	(8.9) %			2.0			(7.3) %			0.0			(23.7) %			(3.3)			4.3 %					
2000	999	765	1,233	16.5	12.6	20.3	313	238	388	22.1	16.8	27.4	209	152	266	20.3	14.8	25.8	31,948	29,493	34,606			
Change 1999-2000	12.2 %			1.8			(1.3) %			0.6			(8.7) %			(0.9)			4.4 %					
2001	925	703	1,147	15.3	11.7	19.0	263	194	331	19.3	14.3	24.4	179	125	233	17.5	12.2	22.7	31,128	28,993	33,421			
Change 2000-2001	(7.4) %			(1.2)			(16.0) %			(2.8)			(14.4) %			(2.8)			(2.6) %					
2002	908	683	1,132	15.2	11.5	19.0	226	166	286	17.3	12.7	22.0	164	115	213	16.5	11.6	21.5	31,377	29,222	33,692			
Change 2001-2002	(1.8) %			(0.1)			(14.1) %			(2.0)			(8.4) %			(1.0)			0.8 %					
2003	848	645	1,050	14.4	11.0	17.9	265	195	334	20.9	15.4	26.4	186	131	241	19.2	13.5	24.9	31,855	29,872	33,970			
Change 2001-2003	(6.6) %			(0.8)			17.3 %			3.6			13.4 %			2.7			1.5 %					
Change 1997-2003	(12.2) %			(2.0)			(28.2) %			(1.8)			(34.5) %			(3.7)			12.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Mackinac County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,323	1,012	1,634	11.8	9.1	14.6	544	404	684	19.2	14.3	24.2	410	298	522	19.2	14.0	24.5	28,367	25,121	31,595			
1998	1,453	1,119	1,787	12.9	9.9	15.8	534	393	675	19.0	14.0	24.1	406	289	523	19.0	13.5	24.4	29,439	26,220	32,640			
Change 1997-1998	9.8 %			1.1 percentage points			(1.8)%			(0.2) percentage points			(1.0) %			(0.2) percentage points			3.8 %					
1999	1,233	929	1,536	10.4	7.8	13.0	433	313	553	16.5	11.9	21.0	316	217	415	15.7	10.8	20.6	31,793	29,710	34,021			
Change 1998-1999	(15.1)%			2.5			(18.9)%			(2.5)			(22.2)%			(3.3)			8.0 %					
2000	1,213	932	1,494	10.5	8.1	12.9	441	327	556	18.1	13.4	22.8	314	222	406	16.6	11.7	21.4	33,967	31,451	36,684			
Change 1999-2000	(1.6)%			0.1			1.8 %			1.6			(0.6)%			0.9			6.8 %					
2001	1,242	950	1,534	10.9	8.3	13.4	423	308	538	17.6	12.8	22.4	300	206	394	16.0	11.0	21.0	33,259	30,974	35,714			
Change 2000-2001	2.4 %			0.4			(4.1)%			(0.5)			(4.5)%			(0.6)			(2.1)%					
2002	1,198	909	1,486	10.5	8.0	13.1	340	246	433	14.7	10.7	18.8	255	176	334	14.2	9.8	18.6	33,327	31,018	35,809			
Change 2001-2002	(3.5)%			(0.4)			(19.6)%			(2.9)			(15.0)%			(1.8)			0.2 %					
2003	1,103	840	1,367	9.8	7.5	12.1	337	247	427	14.6	10.7	18.5	240	167	313	13.7	9.5	17.9	33,806	31,629	36,133			
Change 2001-2003	(7.9)%			(0.7)			(0.9)%			(0.1)			(5.9)%			(0.5)			1.4 %					
Change 1997-2003	(16.6) %			(2.0)			(38.1) %			(4.6)			(41.5) %			(5.5)			19.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Macomb County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	47,088	37,216	56,960	5.9	4.7	7.2	17,557	13,517	21,597	9.4	7.3	11.6	11,768	8,876	14,660	8.7	6.5	10.8	49,601	47,040	52,148			
1998	47,962	38,033	57,892	6.0	4.8	7.2	17,619	13,420	21,819	9.5	7.2	11.8	11,094	8,159	14,029	8.1	6.0	10.3	51,187	48,615	53,745			
Change 1997-1998	1.9 %			0.1 percentage points			0.4 %			0.1 percentage points			(5.7) %			(0.6) percentage points			3.2 %					
1999	44,506	34,753	54,259	5.7	4.4	6.9	15,786	11,970	19,601	8.3	6.3	10.4	9,803	7,066	12,540	7.3	5.2	9.3	50,831	47,961	53,873			
Change 1998-1999	(7.2) %			0.3			(10.4) %			(1.2)			(11.6) %			(0.8)			(0.7) %					
2000	44,207	35,222	53,191	5.6	4.4	6.7	14,084	10,988	17,179	7.4	5.8	9.1	8,806	6,583	11,029	6.5	4.8	8.1	52,612	49,354	56,085			
Change 1999-2000	(0.7) %			(0.1)			(10.8) %			(0.9)			(10.2) %			(0.8)			3.5 %					
2001	48,329	38,244	58,414	6.0	4.8	7.3	14,689	11,174	18,204	7.7	5.8	9.5	9,520	6,854	12,186	6.8	4.9	8.8	51,032	48,030	54,222			
Change 2000-2001	9.3 %			0.4			4.3 %			0.3			8.1 %			0.3			(3.0) %					
2002	57,652	45,269	70,035	7.1	5.6	8.6	16,801	12,773	20,829	8.7	6.6	10.8	10,825	7,884	13,766	7.7	5.6	9.8	51,215	48,211	54,406			
Change 2001-2002	19.3 %			1.1			14.4 %			1.0			13.7 %			0.9			0.4 %					
2003	60,850	47,898	73,802	7.4	5.9	9.0	18,637	14,147	23,126	9.6	7.3	11.9	12,046	8,777	15,315	8.5	6.2	10.8	51,742	48,965	54,676			
Change 2001-2003	5.5 %			0.3			10.9 %			0.9			11.3 %			0.8			1.0 %					
Change 1997-2003	29.2 %			1.5			6.2 %			0.2			2.4 %			(0.2)			4.3 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

56,863
(9.0) %

Small Area Income & Poverty Estimates
Michigan, Manistee County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	3,318	2,595	4,041	14.5	11.3	17.6	1,287	979	1,595	23.3	17.7	28.8	921	686	1,156	22.2	16.5	27.8	28,889	25,739	32,021			
1998	3,292	2,586	3,997	14.2	11.2	17.2	1,175	886	1,465	21.3	16.0	26.5	888	645	1,131	21.1	15.3	26.9	30,553	27,417	33,672			
Change 1997-1998	(0.8) %			(0.3) percentage points			(8.7) %			(2.0) percentage points			(3.6) %			(1.1) percentage points			5.8 %					
1999	2,635	2,022	3,248	11.2	8.6	13.7	913	683	1,143	16.8	12.5	21.0	611	433	789	15.1	10.7	19.5	33,195	31,085	35,449			
Change 1998-1999	(20.0) %			3.0			(22.3) %			(4.5)			(31.2) %			(6.0)			8.6 %					
2000	2,654	2,080	3,229	11.2	8.7	13.6	847	653	1,041	15.9	12.2	19.5	549	404	694	13.7	10.1	17.4	34,999	32,436	37,764			
Change 1999-2000	0.7 %			0.0			(7.2) %			(0.9)			(10.1) %			(1.4)			5.4 %					
2001	2,727	2,118	3,336	11.3	8.8	13.9	815	611	1,019	15.4	11.5	19.3	547	386	708	13.8	9.8	17.9	33,764	31,510	36,178			
Change 2000-2001	2.8 %			0.1			(3.8) %			(0.5)			(0.4) %			0.1			(3.5) %					
2002	2,853	2,199	3,507	11.7	9.0	14.4	822	614	1,030	15.6	11.7	19.6	580	413	747	14.8	10.5	19.0	34,031	31,758	36,468			
Change 2001-2002	4.6 %			0.4			0.9 %			0.2			6.0 %			1.0			0.8 %					
2003	2,701	2,072	3,329	11.1	8.5	13.7	881	653	1,110	17.1	12.7	21.5	598	422	774	15.4	10.9	20.0	35,248	33,082	37,556			
Change 2001-2003	(5.3) %			(0.6)			7.2 %			1.5			3.1 %			0.6			3.6 %					
Change 1997-2003	(18.6) %			(3.4)			(31.5) %			(6.2)			(35.1) %			(6.8)			22.0 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Marquette County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	6,753	5,304	8,201	11.3	8.9	13.7	2,349	1,802	2,896	14.5	11.2	17.9	1,733	1,303	2,163	14.6	11.0	18.2	35,478	32,377	38,561			
1998	6,688	5,274	8,103	11.3	8.9	13.7	2,260	1,717	2,803	14.3	10.9	17.7	1,676	1,227	2,125	14.2	10.4	18.1	37,109	34,036	40,166			
Change 1997-1998	(1.0) %			0.0 percentage points			(3.8) %			(0.2) percentage points			(3.3) %			(0.4) percentage points			4.6 %					
1999	5,823	4,489	7,156	9.5	7.3	11.7	1,781	1,334	2,229	13.0	9.7	16.3	1,150	820	1,480	11.4	8.1	14.6	35,772	33,478	38,222			
Change 1998-1999	(12.9) %			1.8			(21.2) %			(1.3)			(31.4) %			(2.8)			(3.6) %					
2000	5,875	4,616	7,134	9.7	7.6	11.7	1,538	1,185	1,892	11.7	9.0	14.4	953	702	1,204	9.8	7.2	12.3	37,032	34,343	39,930			
Change 1999-2000	0.9 %			0.2			(13.6) %			(1.3)			(17.1) %			(1.6)			3.5 %					
2001	5,831	4,543	7,119	9.6	7.5	11.7	1,404	1,051	1,758	10.9	8.2	13.7	894	632	1,156	9.2	6.5	11.9	35,854	33,451	38,431			
Change 2000-2001	(0.7) %			(0.1)			(8.7) %			(0.8)			(6.2) %			(0.6)			(3.2) %					
2002	6,318	4,880	7,756	10.4	8.0	12.7	1,458	1,088	1,828	11.6	8.7	14.6	963	686	1,240	10.3	7.3	13.2	36,139	33,716	38,737			
Change 2001-2002	8.4 %			0.8			3.8 %			0.7			7.7 %			1.1			0.8 %					
2003	6,413	4,969	7,856	10.5	8.1	12.9	1,634	1,220	2,048	13.2	9.8	16.5	1,078	770	1,386	11.6	8.3	14.9	36,993	34,761	39,369			
Change 2001-2003	1.5 %			0.1			12.1 %			1.6			11.9 %			1.3			2.4 %					
Change 1997-2003	(5.0) %			(0.8)			(30.4) %			(1.3)			(37.8) %			(3.0)			4.3 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Mason County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	3,697	2,884	4,510	13.2	10.3	16.2	1,567	1,195	1,939	21.3	16.2	26.3	1,120	837	1,403	20.5	15.3	25.7	31,189	28,087	34,275			
1998	3,673	2,883	4,463	13.1	10.3	15.9	1,386	1,049	1,723	18.9	14.3	23.5	1,055	770	1,340	19.2	14.0	24.4	32,748	29,665	35,815			
Change 1997-1998	(0.6) %			(0.1) percentage points			(11.6) %			(2.4) percentage points			(5.8) %			(1.3) percentage points			5.0 %					
1999	3,051	2,349	3,752	10.9	8.4	13.4	1,141	853	1,429	16.8	12.6	21.1	803	572	1,034	15.8	11.2	20.3	34,256	32,095	36,562			
Change 1998-1999	(16.9) %			2.2			(17.7) %			(2.1)			(23.9) %			(3.4)			4.6 %					
2000	3,070	2,413	3,726	10.9	8.6	13.3	1,064	820	1,308	16.0	12.3	19.7	701	517	885	14.0	10.4	17.7	35,804	33,225	38,582			
Change 1999-2000	0.6 %			0.0			(6.7) %			(0.8)			(12.7) %			(1.8)			4.5 %					
2001	3,089	2,407	3,770	10.9	8.5	13.3	993	744	1,243	15.2	11.4	19.0	659	466	852	13.2	9.4	17.1	34,425	32,134	36,879			
Change 2000-2001	0.6 %			0.0			(6.7) %			(0.8)			(6.0) %			(0.8)			(3.9) %					
2002	3,310	2,556	4,064	11.7	9.0	14.3	1,003	750	1,257	15.6	11.7	19.6	700	499	901	14.5	10.3	18.7	34,836	32,507	37,331			
Change 2001-2002	7.2 %			0.8			1.0 %			0.4			6.2 %			1.3			1.2 %					
2003	3,238	2,488	3,988	11.3	8.7	13.9	1,083	803	1,362	17.0	12.6	21.4	739	523	955	15.3	10.9	19.8	35,596	33,411	37,924			
Change 2001-2003	(2.2) %			(0.4)			8.0 %			1.4			5.6 %			0.8			2.2 %					
Change 1997-2003	(12.4) %			(1.9)			(30.9) %			(4.3)			(34.0) %			(5.2)			14.1 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Mecosta County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	5,877	4,609	7,145	15.4	12.1	18.7	2,211	1,678	2,744	23.3	17.7	28.9	1,515	1,123	1,907	21.9	16.2	27.5	31,055	27,998	34,095			
1998	5,998	4,730	7,266	15.4	12.2	18.7	2,097	1,573	2,620	21.9	16.5	27.4	1,491	1,078	1,904	21.1	15.3	27.0	32,790	29,778	35,786			
Change 1997-1998	2.1 %			0.0 percentage points			(5.2)%			(1.4) percentage points			(1.6) %			(0.8) percentage points			5.6 %					
1999	5,115	3,952	6,278	13.7	10.6	16.8	1,659	1,227	2,091	18.4	13.6	23.1	1,120	784	1,456	17.5	12.2	22.7	33,188	31,096	35,421			
Change 1998-1999	(14.7) %			1.7			(20.9) %			(3.5)			(24.9) %			(3.6)			1.2 %					
2000	5,255	4,137	6,373	14.0	11.0	17.0	1,630	1,264	1,997	18.2	14.1	22.3	1,027	760	1,294	16.0	11.9	20.2	34,423	31,962	37,072			
Change 1999-2000	2.7 %			0.3			(1.7) %			(0.2)			(8.3) %			(1.5)			3.7 %					
2001	5,520	4,314	6,726	14.4	11.3	17.6	1,652	1,245	2,059	18.3	13.8	22.9	1,086	771	1,401	16.7	11.9	21.6	33,454	31,252	35,812			
Change 2000-2001	5.0 %			0.4			1.3 %			0.1			5.7 %			0.7			(2.8) %					
2002	6,050	4,678	7,422	15.7	12.1	19.2	1,669	1,254	2,084	18.6	14.0	23.2	1,172	839	1,505	18.2	13.0	23.4	33,671	31,437	36,064			
Change 2001-2002	9.6 %			1.3			1.0 %			0.3			7.9 %			1.5			0.6 %					
2003	5,194	4,014	6,374	13.3	10.3	16.3	1,660	1,240	2,081	18.4	13.7	23.1	1,084	773	1,395	16.7	11.9	21.5	34,738	32,632	36,980			
Change 2001-2003	(14.1) %			(2.4)			(0.5) %			(0.2)			(7.5) %			(1.5)			3.2 %					
Change 1997-2003	(11.6) %			(2.1)			(24.9) %			(4.9)			(28.4) %			(5.2)			11.9 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Menominee County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	2,712	2,123	3,302	11.1	8.7	13.5	1,038	792	1,284	16.0	12.2	19.8	766	573	959	15.4	11.5	19.3	32,472	29,365	35,561			
1998	2,732	2,148	3,316	11.1	8.7	13.5	952	719	1,185	14.8	11.2	18.4	734	535	933	14.7	10.7	18.7	34,063	31,001	37,110			
Change 1997-1998	0.7 %			0.0 percentage points			(8.3)%			(1.2) percentage points			(4.2) %			(0.7) percentage points			4.9 %					
1999	2,545	1,958	3,132	10.1	7.8	12.5	910	673	1,147	15.1	11.2	19.1	639	452	826	14.4	10.2	18.7	33,338	31,236	35,582			
Change 1998-1999	(6.8) %			1.0			(4.4) %			0.3			(12.9) %			(0.3)			(2.1) %					
2000	2,496	1,958	3,034	10.0	7.9	12.2	793	603	982	13.8	10.5	17.1	523	382	664	12.2	8.9	15.5	34,804	32,286	37,518			
Change 1999-2000	(1.9) %			(0.1)			(12.9) %			(1.3)			(18.2) %			(2.2)			4.4 %					
2001	2,517	1,960	3,073	10.1	7.9	12.4	733	546	921	12.9	9.6	16.2	486	342	630	11.5	8.1	14.9	33,666	31,379	36,120			
Change 2000-2001	0.8 %			0.1			(7.6) %			(0.9)			(7.1) %			(0.7)			(3.3) %					
2002	2,715	2,097	3,334	10.9	8.4	13.4	732	545	920	13.2	9.8	16.6	507	360	654	12.3	8.8	15.9	33,833	31,532	36,302			
Change 2001-2002	7.9 %			0.8			(0.1) %			0.3			4.3 %			0.8			0.5 %					
2003	2,672	2,054	3,289	10.7	8.3	13.2	815	604	1,025	14.7	10.9	18.5	561	397	725	13.4	9.5	17.3	34,451	32,294	36,752			
Change 2001-2003	(1.6) %			(0.2)			11.3 %			1.5			10.7 %			1.1			1.8 %					
Change 1997-2003	(1.5) %			(0.4)			(21.5) %			(1.3)			(26.8) %			(2.0)			6.1 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Midland County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	7,335	5,776	8,894	9.0	7.1	10.9	2,868	2,207	3,530	13.0	10.0	16.1	2,096	1,579	2,613	13.0	9.8	16.2	48,093	45,043	51,127															
1998	7,234	5,717	8,752	8.8	7.0	10.7	2,767	2,105	3,428	12.7	9.6	15.7	1,995	1,462	2,528	12.3	9.0	15.6	50,536	47,528	53,529															
Change 1997-1998	(1.4) %	(0.2) percentage points					(3.5) %	(0.3) percentage points					(4.8) %	(0.7) percentage points					5.1 %																	
1999	6,493	5,028	7,959	7.9	6.1	9.7	2,478	1,866	3,090	11.2	8.4	14.0	1,616	1,156	2,076	9.9	7.1	12.7	47,087	44,134	50,236															
Change 1998-1999	(10.2) %	(0.9)					(10.4) %	(1.5)					(19.0) %	(2.4)					(6.8) %																	
2000	6,437	5,088	7,786	7.8	6.2	9.4	2,210	1,716	2,703	10.2	7.9	12.5	1,417	1,053	1,781	8.8	6.5	11.1	48,997	45,523	52,736															
Change 1999-2000	(0.9) %	(0.1)					(10.8) %	(1.0)					(12.3) %	(1.1)					4.1 %																	
2001	6,230	4,883	7,576	7.5	5.9	9.1	2,027	1,531	2,524	9.4	7.1	11.8	1,323	944	1,702	8.2	5.9	10.6	48,172	44,959	51,615															
Change 2000-2001	(3.2) %	(0.3)					(8.3) %	(0.8)					(6.6) %	(0.6)					(1.7) %																	
2002	6,788	5,273	8,303	8.1	6.3	9.9	2,060	1,552	2,568	9.7	7.3	12.1	1,355	975	1,735	8.5	6.1	10.9	48,131	44,901	51,593															
Change 2001-2002	9.0 %	0.6					1.6 %	0.3					2.4 %	0.3					(0.1) %																	
2003	7,478	5,799	9,156	9.0	6.9	11.0	2,368	1,774	2,961	11.2	8.4	14.0	1,499	1,075	1,923	9.5	6.8	12.1	48,550	45,604	51,685															
Change 2001-2003	10.2 %	0.9					15.0 %	1.5					10.6 %	1.0					0.9 %																	
Change 1997-2003	1.9 %	0.0					(17.4) %	(1.8)					(28.5) %	(3.5)					1.0 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

55,135
(11.9) %

Small Area Income & Poverty Estimates

Michigan, Missaukee County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,937	1,507	2,368	13.9	10.8	16.9	875	665	1,084	21.0	16.0	26.0	644	479	809	20.9	15.5	26.2	30,571	27,443	33,682			
1998	2,048	1,601	2,495	14.4	11.2	17.5	820	616	1,024	19.5	14.7	24.4	651	472	830	20.7	15.0	26.4	32,041	28,937	35,128			
Change 1997-1998	5.7 %			0.5 percentage points			(6.3)%			(1.5) percentage points			1.1 %			(0.2) percentage points			4.8 %					
1999	1,650	1,261	2,039	11.4	8.7	14.1	637	473	801	16.4	12.2	20.6	433	305	561	15.1	10.7	19.6	34,347	32,174	36,668			
Change 1998-1999	(19.4) %			3.0			(22.3) %			(3.1)			(33.5)%			(5.6)			7.2 %					
2000	1,647	1,288	2,005	11.3	8.8	13.7	622	476	768	16.2	12.4	20.0	418	306	530	14.7	10.8	18.7	36,091	33,456	38,935			
Change 1999-2000	(0.2) %			(0.1)			(2.4) %			(0.2)			(3.5)%			(0.4)			5.1 %					
2001	1,760	1,363	2,158	11.8	9.2	14.5	622	462	781	16.4	12.2	20.6	430	302	558	15.2	10.7	19.7	34,736	32,424	37,213			
Change 2000-2001	6.9 %			0.5			0.0 %			0.2			2.9 %			0.5			(3.8)%					
2002	1,921	1,473	2,369	12.7	9.7	15.6	646	478	814	17.1	12.7	21.6	474	335	613	16.9	11.9	21.9	34,402	32,102	36,866			
Change 2001-2002	9.1 %			0.9			3.9 %			0.7			10.2 %			1.7			(1.0) %					
2003	1,724	1,319	2,129	11.3	8.7	14.0	633	467	798	17.2	12.7	21.6	438	309	567	15.8	11.2	20.5	34,378	32,245	36,653			
Change 2001-2003	(10.3) %			(1.4)			(2.0) %			0.1			(7.6)%			(1.1)			(0.1) %					
Change 1997-2003	(11.0) %			(2.6)			(27.7) %			(3.8)			(32.0) %			(5.1)			12.5 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Monroe County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	10,986	8,645	13,328	7.6	6.0	9.2	4,605	3,544	5,666	11.2	8.6	13.8	3,175	2,391	3,959	10.4	7.8	13.0	48,607	45,599	51,600			
1998	11,108	8,776	13,441	7.6	6.0	9.2	4,651	3,549	5,754	11.3	8.6	14.0	3,216	2,355	4,077	10.4	7.6	13.2	50,505	47,521	53,473			
Change 1997-1998	1.1 %			0.0 percentage points			1.0 %			0.1 percentage points			1.3 %			0.0 percentage points			3.9 %					
1999	9,704	7,508	11,900	6.7	5.1	8.2	3,715	2,799	4,632	9.3	7.0	11.7	2,491	1,778	3,204	8.5	6.1	10.9	50,750	47,588	54,123			
Change 1998-1999	(12.6) %			0.9			(20.1) %			(2.0)			(22.5) %			(1.9)			0.5 %					
2000	9,371	7,407	11,336	6.4	5.0	7.7	3,281	2,545	4,016	8.4	6.5	10.3	2,105	1,563	2,647	7.3	5.4	9.1	52,962	49,217	56,992			
Change 1999-2000	(3.4) %			(0.3)			(11.7) %			(0.9)			(15.5) %			(1.2)			4.4 %					
2001	9,545	7,490	11,601	6.4	5.0	7.8	3,153	2,384	3,923	8.2	6.2	10.2	2,062	1,472	2,652	7.1	5.1	9.1	51,657	48,223	55,336			
Change 2000-2001	1.9 %			0.0			(3.9) %			(0.2)			(2.0) %			(0.2)			(2.5) %					
2002	10,362	8,064	12,660	6.9	5.4	8.4	3,411	2,562	4,259	8.9	6.7	11.2	2,231	1,598	2,864	7.7	5.6	9.9	51,968	48,523	55,658			
Change 2001-2002	8.6 %			0.5			8.2 %			0.7			8.2 %			0.6			0.6 %					
2003	11,075	8,605	13,546	7.3	5.7	8.9	3,569	2,678	4,460	9.4	7.0	11.7	2,414	1,734	3,094	8.3	6.0	10.6	52,547	49,384	55,914			
Change 2001-2003	6.9 %			0.4			4.6 %			0.5			8.2 %			0.6			1.1 %					
Change 1997-2003	0.8 %			(0.3)			(22.5) %			(1.8)			(24.0) %			(2.1)			8.1 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

55,724
(5.7) %

Small Area Income & Poverty Estimates

Michigan, Montcalm County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	7,861	6,009	9,714	13.3	10.2	16.4	3,209	2,351	4,066	18.4	13.4	23.3	2,477	1,766	3,188	19.3	13.7	24.8	33,522	30,484	36,545			
1998	7,147	5,485	8,809	11.9	9.2	14.7	2,469	1,769	3,168	14.1	10.1	18.1	2,113	1,468	2,758	16.2	11.2	21.1	35,463	32,417	38,492			
Change 1997-1998	(9.1) %			(1.4) percentage points			(23.1) %			(4.3) percentage points			(14.7) %			(3.1) percentage points			5.8 %					
1999	5,996	4,527	7,464	10.2	7.7	12.7	2,449	1,752	3,146	15.0	10.7	19.2	1,619	1,099	2,139	13.5	9.2	17.8	36,647	34,403	39,038			
Change 1998-1999	(16.1) %			1.7			(0.8) %			0.9			(23.4) %			(2.7)			3.3 %					
2000	6,513	5,161	7,864	11.0	8.7	13.2	2,501	1,946	3,057	15.6	12.1	19.0	1,660	1,236	2,084	14.1	10.5	17.7	38,128	35,481	40,972			
Change 1999-2000	8.6 %			0.8			2.1 %			0.6			2.5 %			0.6			4.0 %					
2001	6,541	5,143	7,940	10.9	8.6	13.2	2,411	1,826	2,996	15.0	11.3	18.6	1,649	1,180	2,118	14.0	10.0	17.9	36,858	34,492	39,386			
Change 2000-2001	0.4 %			(0.1)			(3.6) %			(0.6)			(0.7) %			(0.1)			(3.3) %					
2002	7,252	5,657	8,847	12.0	9.3	14.6	2,433	1,842	3,025	15.2	11.5	18.9	1,731	1,252	2,210	14.9	10.8	19.0	37,143	34,741	39,711			
Change 2001-2002	10.9 %			1.1			0.9 %			0.2			5.0 %			0.9			0.8 %					
2003	6,404	4,979	7,829	10.5	8.1	12.8	2,359	1,772	2,945	14.9	11.2	18.6	1,624	1,168	2,080	14.0	10.1	17.9	38,627	36,334	41,064			
Change 2001-2003	(11.7) %			(1.5)			(3.0) %			(0.3)			(6.2) %			(0.9)			4.0 %					
Change 1997-2003	(18.5) %			(2.8)			(26.5) %			(3.5)			(34.4) %			(5.3)			15.2 %					
...1997 median household income in 2003 dollars																			38,430					
Change 1997-2003 using 1997 median household income in 2003 dollars																			0.5 %					

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Montmorency County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,514	1,174	1,853	15.1	11.7	18.4	632	472	793	26.9	20.1	33.8	478	349	607	27.0	19.7	34.3	25,297	22,071	28,505			
1998	1,516	1,182	1,849	15.0	11.7	18.3	522	384	660	22.5	16.6	28.5	456	325	587	25.8	18.4	33.2	26,382	23,194	29,553			
Change 1997-1998	0.1 %			(0.1) percentage points			(17.4) %			(4.4) percentage points			(4.6) %			(1.2) percentage points			4.3 %					
1999	1,336	1,021	1,651	13.0	9.9	16.1	457	338	576	22.1	16.4	27.8	346	244	448	22.3	15.7	28.8	29,227	27,232	31,368			
Change 1998-1999	(11.9) %			2.0			(12.5) %			(0.4)			(24.1) %			(3.5)			10.8 %					
2000	1,346	1,053	1,639	12.9	10.1	15.7	435	333	537	21.3	16.3	26.3	305	223	387	19.9	14.6	25.3	30,805	28,519	33,273			
Change 1999-2000	0.7 %			(0.1)			(4.8) %			(0.8)			(11.8) %			(2.4)			5.4 %					
2001	1,303	1,011	1,595	12.5	9.7	15.3	408	304	512	20.7	15.4	26.0	290	204	376	19.2	13.5	25.0	29,597	27,572	31,770			
Change 2000-2001	(3.2) %			(0.4)			(6.2) %			(0.6)			(4.9) %			(0.7)			(3.9) %					
2002	1,420	1,092	1,749	13.6	10.4	16.7	386	287	485	20.1	14.9	25.3	289	204	374	19.8	14.0	25.6	29,573	27,566	31,727			
Change 2001-2002	9.0 %			1.1			(5.4) %			(0.6)			(0.3) %			0.6			(0.1) %					
2003	1,286	985	1,587	12.3	9.4	15.2	402	297	507	21.3	15.7	26.8	293	207	379	20.3	14.3	26.3	30,418	28,519	32,444			
Change 2001-2003	(9.4) %			(1.3)			4.1 %			1.2			1.4 %			0.5			2.9 %					
Change 1997-2003	(15.1) %			(2.8)			(36.4) %			(5.6)			(38.7) %			(6.7)			20.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Muskegon County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																					
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																						
1997	23,655	18,727	28,584	14.4	11.4	17.4	10,375	8,058	12,692	21.9	17.0	26.8	7,127	5,422	8,832	20.8	15.8	25.8	34,951	32,048	37,839																						
1998	23,144	18,390	27,898	14.0	11.1	16.9	9,513	7,330	11,697	20.1	15.5	24.8	6,687	4,955	8,419	19.3	14.3	24.3	36,648	33,767	39,512																						
Change 1997-1998	(2.2) %	(0.4) percentage points					(8.3) %	(1.8) percentage points					(6.2) %	(1.5) percentage points					4.9 %																								
1999	19,610	15,266	23,955	11.8	9.2	14.5	7,767	5,917	9,616	16.7	12.7	20.7	5,223	3,784	6,662	15.4	11.1	19.6	37,081	34,840	39,465																						
Change 1998-1999	(15.3) %	2.2					(18.4) %	(3.4)					(21.9) %	(3.9)					1.2 %																								
2000	19,397	15,388	23,406	11.7	9.3	14.1	7,392	5,783	9,001	16.1	12.6	19.6	4,717	3,532	5,902	14.0	10.5	17.5	38,787	36,126	41,644																						
Change 1999-2000	(1.1) %	(0.1)					(4.8) %	(0.6)					(9.7) %	(1.4)					4.6 %																								
2001	19,702	15,503	23,902	11.8	9.3	14.3	7,275	5,533	9,016	15.8	12.0	19.6	4,777	3,432	6,122	14.2	10.2	18.1	37,249	34,870	39,791																						
Change 2000-2001	1.6 %	0.1					(1.6) %	(0.3)					1.3 %	0.2					(4.0) %																								
2002	22,446	17,513	27,379	13.3	10.4	16.2	7,994	6,066	9,921	17.5	13.3	21.7	5,416	3,929	6,903	16.2	11.8	20.7	37,103	34,723	39,645																						
Change 2001-2002	13.9 %	1.5					9.9 %	1.7					13.4 %	2.0					(0.4) %																								
2003	22,629	17,638	27,620	13.4	10.4	16.3	8,521	6,426	10,616	18.8	14.2	23.4	5,594	4,042	7,146	16.8	12.2	21.5	37,674	35,465	40,021																						
Change 2001-2003	0.8 %	0.1					6.6 %	1.3					3.3 %	0.6					1.5 %																								
Change 1997-2003	(4.3) %			(1.0)			(17.9) %			(3.1)			(21.5) %			(4.0)			7.8 %																								
...1997 median household income in 2003 dollars																						40,068																					
Change 1997-2003 using 1997 median household income in 2003 dollars																						(6.0) %																					

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Newaygo County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	5,813	4,562	7,065	12.6	9.9	15.3	2,632	2,022	3,241	19.2	14.7	23.6	1,886	1,419	2,353	19.0	14.3	23.7	33,631	30,511	36,733			
1998	5,962	4,698	7,226	12.8	10.1	15.5	2,452	1,868	3,036	17.8	13.5	22.0	1,822	1,337	2,307	18.0	13.2	22.8	35,599	32,516	38,666			
Change 1997-1998	2.6 %			0.2 percentage points			(6.8)%			(1.4) percentage points			(3.4) %			(1.0) percentage points			5.9 %					
1999	5,170	3,991	6,349	10.9	8.4	13.4	2,147	1,618	2,676	15.6	11.8	19.5	1,467	1,051	1,883	14.4	10.3	18.5	36,876	34,519	39,393			
Change 1998-1999	(13.3) %			1.9			(12.4) %			(2.2)			(19.5) %			(3.6)			3.6 %					
2000	5,234	4,120	6,349	10.9	8.6	13.2	2,125	1,646	2,604	15.7	12.1	19.2	1,416	1,049	1,783	14.0	10.4	17.6	38,433	35,657	41,425			
Change 1999-2000	1.2 %			0.0			(1.0) %			0.1			(3.5) %			(0.4)			4.2 %					
2001	5,347	4,175	6,518	11.1	8.6	13.5	2,048	1,546	2,550	15.2	11.5	19.0	1,387	987	1,787	13.7	9.7	17.6	37,479	34,997	40,137			
Change 2000-2001	2.2 %			0.2			(3.6) %			(0.5)			(2.0) %			(0.3)			(2.5) %					
2002	5,897	4,564	7,230	12.1	9.3	14.8	2,042	1,537	2,548	15.3	11.5	19.1	1,442	1,035	1,849	14.4	10.3	18.4	37,567	35,065	40,247			
Change 2001-2002	10.3 %			1.0			(0.3) %			0.1			4.0 %			0.7			0.2 %					
2003	5,761	4,450	7,072	11.7	9.0	14.3	2,184	1,632	2,736	16.6	12.4	20.8	1,485	1,061	1,909	14.9	10.6	19.1	38,409	36,082	40,886			
Change 2001-2003	(2.3) %			(0.4)			7.0 %			1.3			3.0 %			0.5			2.2 %					
Change 1997-2003	(0.9) %			(0.9)			(17.0) %			(2.6)			(21.3) %			(4.1)			14.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Oakland County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																			
1997	71,312	56,630	85,994	6.0	4.8	7.2	27,784	21,439	34,128	9.6	7.4	11.7	17,721	13,380	22,062	8.5	6.4	10.5	59,677	57,319	62,023																			
1998	74,057	59,005	89,108	6.2	4.9	7.5	28,715	21,918	35,512	9.9	7.6	12.3	17,508	12,882	22,134	8.3	6.1	10.5	62,538	60,140	64,922																			
Change 1997-1998	3.8 %	0.2 percentage points					3.4 %	0.3 percentage points					(1.2) %	(0.2) percentage points					4.8 %																					
1999	70,392	55,084	85,699	5.9	4.6	7.2	25,463	19,297	31,629	8.5	6.4	10.5	15,517	11,176	19,858	7.2	5.2	9.3	62,344	58,991	65,888																			
Change 1998-1999	(4.9) %	(0.3)					(11.3) %	(1.4)					(11.4) %	(1.1)					(0.3) %																					
2000	67,216	53,686	80,745	5.6	4.5	6.8	21,103	16,464	25,742	7.1	5.5	8.7	13,069	9,772	16,366	6.1	4.6	7.7	64,450	60,718	68,413																			
Change 1999-2000	(4.5) %	(0.3)					(17.1) %	(1.4)					(15.8) %	(1.1)					3.4 %																					
2001	68,273	54,182	82,364	5.7	4.5	6.9	20,313	15,459	25,166	6.8	5.2	8.5	12,787	9,215	16,359	5.9	4.3	7.6	63,571	60,013	67,341																			
Change 2000-2001	1.6 %	0.1					(3.7) %	(0.3)					(2.2) %	(0.2)					(1.4) %																					
2002	73,491	57,883	89,098	6.1	4.8	7.4	20,950	15,949	25,952	7.0	5.4	8.7	13,100	9,559	16,641	6.1	4.4	7.7	64,298	60,671	68,143																			
Change 2001-2002	7.6 %	0.4					3.1 %	0.2					2.4 %	0.2					1.1 %																					
2003	81,484	64,374	98,594	6.7	5.3	8.2	25,197	19,180	31,215	8.5	6.4	10.5	15,901	11,622	20,180	7.3	5.3	9.2	63,534	60,228	67,021																			
Change 2001-2003	10.9 %	0.6					20.3 %	1.5					21.4 %	1.2					(1.2) %																					
Change 1997-2003	14.3 %	0.7					(9.3) %	(1.1)					(10.3) %	(1.2)					6.5 %																					
...1997 median household income in 2003 dollars																						68,415																		
Change 1997-2003 using 1997 median household income in 2003 dollars																						(7.1) %																		

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Oceana County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	4,179	3,229	5,130	16.8	12.9	20.6	1,869	1,384	2,354	25.2	18.7	31.7	1,416	1,025	1,807	25.9	18.7	33.1	31,324	28,222	34,409			
1998	3,800	2,943	4,656	15.1	11.7	18.5	1,401	1,017	1,785	18.9	13.7	24.1	1,263	888	1,638	22.9	16.1	29.6	32,798	29,700	35,878			
Change 1997-1998	(9.1) %			(1.7) percentage points			(25.0) %			(6.3) percentage points			(10.8) %			(3.0) percentage points			4.7 %					
1999	3,410	2,577	4,242	12.8	9.7	16.0	1,435	1,014	1,856	19.6	13.9	25.4	999	669	1,329	18.3	12.3	24.4	34,100	31,956	36,388			
Change 1998-1999	(10.3) %			2.3			2.4 %			0.7			(20.9) %			(4.6)			4.0 %					
2000	3,651	2,865	4,437	13.7	10.7	16.6	1,388	1,061	1,716	19.5	14.9	24.2	937	684	1,190	17.7	12.9	22.4	35,824	33,249	38,599			
Change 1999-2000	7.1 %			0.9			(3.3) %			(0.1)			(6.2) %			(0.6)			5.1 %					
2001	3,651	2,843	4,460	13.4	10.4	16.3	1,284	955	1,614	17.9	13.3	22.5	891	625	1,157	16.7	11.7	21.7	34,423	32,143	36,864			
Change 2000-2001	0.0 %			(0.3)			(7.5) %			(1.6)			(4.9) %			(1.0)			(3.9) %					
2002	3,921	3,028	4,813	14.1	10.9	17.3	1,313	980	1,646	18.5	13.8	23.2	942	670	1,214	18.2	13.0	23.4	34,737	32,430	37,208			
Change 2001-2002	7.4 %			0.7			2.3 %			0.6			5.7 %			1.5			0.9 %					
2003	3,766	2,894	4,637	13.4	10.3	16.6	1,416	1,049	1,783	20.1	14.9	25.3	994	703	1,285	19.3	13.6	24.9	36,724	34,488	39,106			
Change 2001-2003	(4.0) %			(0.7)			7.8 %			1.6			5.5 %			1.1			5.7 %					
Change 1997-2003	(9.9) %			(3.4)			(24.2) %			(5.1)			(29.8) %			(6.6)			17.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Ogemaw County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	3,689	2,878	4,499	17.4	13.6	21.2	1,506	1,141	1,871	26.8	20.3	33.3	1,139	846	1,432	27.0	20.1	34.0	25,383	22,232	28,517															
1998	3,509	2,751	4,268	16.4	12.9	20.0	1,222	915	1,529	21.9	16.4	27.4	1,053	761	1,345	24.8	17.9	31.6	26,507	23,386	29,611															
Change 1997-1998	(4.9) %	(1.0) percentage points					(18.9) %	(4.9) percentage points					(7.6) %	(2.2) percentage points					4.4 %																	
1999	2,868	2,198	3,537	13.4	10.2	16.5	1,022	762	1,282	20.3	15.1	25.5	724	514	934	19.1	13.5	24.6	29,371	27,454	31,421															
Change 1998-1999	(18.3) %	3.0					(16.4) %	(1.6)					(31.2) %	(5.7)					10.8 %																	
2000	3,093	2,426	3,761	14.4	11.3	17.5	1,049	806	1,293	21.6	16.6	26.6	706	520	892	19.3	14.2	24.4	30,946	28,692	33,377															
Change 1999-2000	7.8 %	1.0					2.6 %	1.3					(2.5) %	0.2					5.4 %																	
2001	3,050	2,373	3,727	14.2	11.0	17.3	978	732	1,223	20.4	15.3	25.5	677	479	875	18.5	13.1	23.9	29,810	27,815	31,948															
Change 2000-2001	(1.4) %	(0.2)					(6.8) %	(1.2)					(4.1) %	(0.8)					(3.7) %																	
2002	3,259	2,512	4,005	15.1	11.6	18.5	991	740	1,243	20.9	15.6	26.2	721	514	928	20.3	14.5	26.1	30,084	28,059	32,254															
Change 2001-2002	6.9 %	0.9					1.3 %	0.5					6.5 %	1.8					0.9 %																	
2003	2,935	2,254	3,615	13.5	10.4	16.7	972	721	1,223	20.9	15.5	26.3	682	483	881	19.3	13.7	24.9	31,093	29,171	33,141															
Change 2001-2003	(9.9) %	(1.6)					(1.9) %	0.0					(5.4) %	(1.0)					3.4 %																	
Change 1997-2003	(20.4) %	(3.9)					(35.5) %	(5.9)					(40.1) %	(7.7)					22.5 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Ontonagon County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,069	830	1,309	13.6	10.6	16.7	412	309	516	22.4	16.8	28.0	305	223	387	22.0	16.1	27.9	27,811	24,661	30,943			
1998	1,069	833	1,304	13.9	10.9	17.0	357	264	451	20.3	15.0	25.6	297	212	382	22.1	15.8	28.4	28,592	25,480	31,687			
Change 1997-1998	0.0 %			0.3 percentage points			(13.3) %			(2.1) percentage points			(2.6) %			0.1 percentage points			2.8 %					
1999	859	653	1,064	11.1	8.5	13.8	266	195	336	17.0	12.5	21.5	186	130	242	15.7	11.0	20.5	29,199	27,321	31,205			
Change 1998-1999	(19.6) %			2.8			(25.5) %			(3.3)			(37.4) %			(6.4)			2.1 %					
2000	919	713	1,124	12.1	9.4	14.8	261	196	325	17.6	13.3	21.9	176	128	224	15.4	11.2	19.6	30,682	28,446	33,093			
Change 1999-2000	7.0 %			1.0			(1.9) %			0.6			(5.4) %			(0.3)			5.1 %					
2001	869	672	1,066	11.5	8.9	14.1	231	170	292	16.2	11.9	20.4	160	111	209	14.4	10.0	18.8	29,798	27,779	31,964			
Change 2000-2001	(5.4) %			(0.6)			(11.5) %			(1.4)			(9.1) %			(1.0)			(2.9) %					
2002	865	664	1,067	11.6	8.9	14.3	201	149	254	14.9	11.0	18.8	146	103	189	13.8	9.7	17.9	30,160	28,104	32,367			
Change 2001-2002	(0.5) %			0.1			(13.0) %			(1.3)			(8.8) %			(0.6)			1.2 %					
2003	772	591	953	10.4	8.0	12.8	204	150	258	15.8	11.6	19.9	144	101	187	14.2	9.9	18.4	31,205	29,249	33,291			
Change 2001-2003	(10.8) %			(1.2)			1.5 %			0.9			(1.4) %			0.4			3.5 %					
Change 1997-2003	(27.8) %			(3.2)			(50.5) %			(6.6)			(52.8) %			(7.8)			12.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Osceola County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	3,449	2,694	4,204	15.5	12.1	18.8	1,500	1,135	1,864	23.1	17.5	28.7	1,133	840	1,426	23.3	17.3	29.3	29,712	26,612	32,795			
1998	3,303	2,590	4,016	14.8	11.6	18.0	1,229	916	1,541	19.1	14.3	24.0	1,050	757	1,343	21.6	15.5	27.6	31,795	28,728	34,844			
Change 1997-1998	(4.2) %			(0.7) percentage points			(18.1) %			(4.0) percentage points			(7.3) %			(1.7) percentage points			7.0 %					
1999	2,833	2,149	3,517	12.3	9.3	15.2	1,147	829	1,465	18.7	13.5	23.9	763	523	1,003	16.7	11.5	22.0	33,054	30,965	35,283			
Change 1998-1999	(14.2) %			2.5			(6.7) %			(0.4)			(27.3) %			(4.9)			4.0 %					
2000	2,932	2,303	3,562	12.7	10.0	15.4	1,106	853	1,360	18.7	14.4	22.9	738	544	932	16.6	12.3	21.0	34,796	32,298	37,486			
Change 1999-2000	3.5 %			0.4			(3.6) %			0.0			(3.3) %			(0.1)			5.3 %					
2001	2,919	2,275	3,564	12.5	9.8	15.3	1,032	775	1,289	17.3	13.0	21.7	707	501	913	16.1	11.4	20.7	33,619	31,378	36,021			
Change 2000-2001	(0.4) %			(0.2)			(6.7) %			(1.4)			(4.2) %			(0.5)			(3.4) %					
2002	3,023	2,334	3,712	12.9	10.0	15.9	990	742	1,238	16.9	12.7	21.2	713	510	916	16.5	11.8	21.2	34,164	31,884	36,606			
Change 2001-2002	3.6 %			0.4			(4.1) %			(0.4)			0.8 %			0.4			1.6 %					
2003	2,951	2,266	3,636	12.5	9.6	15.4	1,080	802	1,359	18.4	13.7	23.2	747	530	964	17.4	12.3	22.4	34,941	32,808	37,213			
Change 2001-2003	(2.4) %			(0.4)			9.1 %			1.5			4.8 %			0.9			2.3 %					
Change 1997-2003	(14.4) %			(3.0)			(28.0) %			(4.7)			(34.1) %			(5.9)			17.6 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Oscoda County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,528	1,143	1,914	17.1	12.8	21.4	592	429	755	27.8	20.1	35.5	454	320	588	29.6	20.9	38.3	25,044	21,848	28,221			
1998	1,412	1,064	1,761	15.9	12.0	19.8	443	317	569	21.1	15.1	27.1	413	286	540	27.0	18.7	35.3	26,599	23,466	29,715			
Change 1997-1998	(7.6) %			(1.2) percentage points			(25.2) %			(6.7) percentage points			(9.0) %			(2.6) percentage points			6.2 %					
1999	1,271	926	1,616	13.5	9.9	17.2	468	323	613	21.5	14.8	28.1	347	227	467	21.1	13.8	28.4	27,501	25,632	29,507			
Change 1998-1999	(10.0) %			2.4			5.6 %			0.4			(16.0) %			(5.9)			3.4 %					
2000	1,445	1,111	1,779	15.3	11.8	18.9	477	356	598	22.3	16.7	28.0	343	245	441	21.0	15.0	27.1	28,671	26,561	30,948			
Change 1999-2000	13.7 %			1.8			1.9 %			0.8			(1.2) %			(0.1)			4.3 %					
2001	1,468	1,115	1,821	15.6	11.9	19.4	418	304	533	20.4	14.8	26.0	309	212	406	19.4	13.3	25.5	26,870	25,033	28,841			
Change 2000-2001	1.6 %			0.3			(12.4) %			(1.9)			(9.9) %			(1.6)			(6.3) %					
2002	1,471	1,128	1,815	15.6	11.9	19.2	409	303	515	20.4	15.1	25.7	313	221	405	20.2	14.2	26.2	27,565	25,703	29,561			
Change 2001-2002	0.2 %			0.0			(2.2) %			0.0			1.3 %			0.8			2.6 %					
2003	1,291	987	1,594	13.9	10.6	17.1	433	319	546	22.1	16.3	27.9	317	223	411	20.8	14.7	27.0	28,257	26,498	30,133			
Change 2001-2003	(12.2) %			(1.7)			5.9 %			1.7			1.3 %			0.6			2.5 %					
Change 1997-2003	(15.5) %			(3.2)			(26.9) %			(5.7)			(30.2) %			(8.8)			12.8 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Otsego County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,917	1,487	2,347	8.6	6.6	10.5	828	621	1,035	13.0	9.7	16.2	610	448	772	12.8	9.4	16.2	37,938	34,830	41,028			
1998	2,041	1,586	2,495	8.9	6.9	10.9	781	575	987	12.1	8.9	15.3	619	442	796	12.7	9.1	16.4	38,643	35,553	41,716			
Change 1997-1998	6.5 %			0.3 percentage points			(5.7)%			(0.9) percentage points			1.5 %			(0.1) percentage points			1.9 %					
1999	1,831	1,395	2,268	7.9	6.0	9.7	709	520	898	11.5	8.4	14.5	455	320	590	9.8	6.9	12.8	39,823	37,282	42,537			
Change 1998-1999	(10.3) %			1.0			(9.2)%			(0.6)			(26.5)%			(2.9)			3.1 %					
2000	1,993	1,547	2,439	8.4	6.5	10.3	691	519	863	11.3	8.5	14.1	458	333	583	10.0	7.3	12.7	41,816	38,821	45,043			
Change 1999-2000	8.8 %			0.5			(2.5)%			(0.2)			0.7 %			0.2			5.0 %					
2001	2,015	1,555	2,475	8.4	6.5	10.3	649	479	820	10.7	7.9	13.6	448	314	582	9.8	6.8	12.7	41,042	38,331	43,945			
Change 2000-2001	1.1 %			0.0			(6.1)%			(0.6)			(2.2)%			(0.2)			(1.9)%					
2002	2,219	1,694	2,743	9.2	7.0	11.3	734	537	931	12.3	9.0	15.6	513	360	666	11.4	8.0	14.8	41,580	38,798	44,561			
Change 2001-2002	10.1 %			0.8			13.1 %			1.6			14.5 %			1.6			1.3 %					
2003	2,137	1,630	2,645	8.8	6.7	10.8	773	565	981	13.0	9.5	16.5	526	368	684	11.7	8.2	15.2	42,300	39,706	45,062			
Change 2001-2003	(3.7) %			(0.4)			5.3 %			0.7			2.5 %			0.3			1.7 %					
Change 1997-2003	11.5 %			0.2			(6.6) %			0.0			(13.8) %			(1.1)			11.5 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

43,493
(2.7) %

Small Area Income & Poverty Estimates

Michigan, Ottawa County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	10,815	8,476	13,154	4.9	3.8	5.9	4,224	3,198	5,249	6.3	4.8	7.9	3,153	2,323	3,983	6.6	4.8	8.3	51,677	48,733	54,604			
1998	11,704	9,214	14,195	5.1	4.1	6.2	4,771	3,570	5,972	7.1	5.3	8.8	3,072	2,220	3,924	6.2	4.5	8.0	53,286	50,371	56,186			
Change 1997-1998	8.2 %			0.2 percentage points			12.9 %			0.8 percentage points			(2.6) %			(0.4) percentage points			3.1 %					
1999	11,672	9,005	14,338	5.0	3.9	6.2	4,607	3,439	5,776	6.8	5.0	8.5	2,827	2,004	3,650	5.8	4.1	7.5	52,527	49,325	55,937			
Change 1998-1999	(0.3) %			0.1			(3.4) %			(0.3)			(8.0) %			(0.4)			(1.4) %					
2000	11,436	9,026	13,847	4.8	3.8	5.9	3,810	2,935	4,685	5.6	4.3	6.9	2,445	1,802	3,088	5.0	3.7	6.3	54,377	50,642	58,387			
Change 1999-2000	(2.0) %			(0.2)			(17.3) %			(1.2)			(13.5) %			(0.8)			3.5 %					
2001	11,956	9,390	14,523	5.0	3.9	6.1	3,767	2,836	4,699	5.5	4.2	6.9	2,449	1,743	3,155	5.0	3.5	6.4	53,358	49,914	57,039			
Change 2000-2001	4.5 %			0.2			(1.1) %			(0.1)			0.2 %			0.0			(1.9) %					
2002	14,418	11,239	17,597	5.9	4.6	7.2	4,214	3,168	5,260	6.2	4.7	7.7	2,687	1,933	3,441	5.5	3.9	7.0	53,469	50,031	57,143			
Change 2001-2002	20.6 %			0.9			11.9 %			0.7			9.7 %			0.5			0.2 %					
2003	16,147	12,595	19,699	6.6	5.1	8.0	5,080	3,812	6,348	7.5	5.6	9.4	3,150	2,265	4,035	6.4	4.6	8.1	53,982	50,833	57,327			
Change 2001-2003	12.0 %			0.7			20.6 %			1.3			17.2 %			0.9			1.0 %					
Change 1997-2003	49.3 %			1.7			20.3 %			1.2			(0.1) %			(0.2)			4.5 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

59,243
(8.9) %

Small Area Income & Poverty Estimates

Michigan, Presque Isle County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,781	1,386	2,177	12.1	9.4	14.8	675	507	843	18.8	14.1	23.5	512	376	648	18.6	13.7	23.5	28,886	25,735	32,020			
1998	1,737	1,354	2,119	11.8	9.2	14.5	569	420	719	16.1	11.9	20.4	483	345	621	17.6	12.6	22.6	29,755	26,605	32,887			
Change 1997-1998	(2.5) %			(0.3) percentage points			(15.7) %			(2.7) percentage points			(5.7) %			(1.0) percentage points			3.0 %					
1999	1,413	1,074	1,752	9.8	7.5	12.2	474	351	598	15.9	11.7	20.0	330	232	428	14.8	10.4	19.2	31,179	29,186	33,309			
Change 1998-1999	(18.7) %			2.0			(16.7) %			(0.2)			(31.7) %			(2.8)			4.8 %					
2000	1,463	1,144	1,782	10.2	8.0	12.5	450	344	557	15.7	12.0	19.4	306	224	388	14.3	10.5	18.1	32,708	30,318	35,287			
Change 1999-2000	3.5 %			0.4			(5.1) %			(0.2)			(7.3) %			(0.5)			4.9 %					
2001	1,474	1,143	1,805	10.4	8.0	12.7	410	306	515	14.7	11.0	18.5	283	199	367	13.4	9.5	17.4	31,995	29,849	34,296			
Change 2000-2001	0.8 %			0.2			(8.9) %			(1.0)			(7.5) %			(0.9)			(2.2) %					
2002	1,554	1,195	1,914	10.9	8.4	13.4	396	294	498	14.4	10.7	18.1	290	205	375	14.2	10.0	18.3	32,217	30,056	34,533			
Change 2001-2002	5.4 %			0.5			(3.4) %			(0.3)			2.5 %			0.8			0.7 %					
2003	1,435	1,100	1,770	10.1	7.7	12.4	410	302	517	15.3	11.3	19.3	287	202	372	14.2	10.0	18.4	32,983	30,944	35,156			
Change 2001-2003	(7.7) %			(0.8)			3.5 %			0.9			(1.0) %			0.0			2.4 %					
Change 1997-2003	(19.4) %			(2.0)			(39.3) %			(3.5)			(43.9) %			(4.4)			14.2 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Roscommon County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	3,933	3,041	4,825	16.6	12.9	20.4	1,539	1,139	1,938	31.1	23.0	39.2	1,109	806	1,412	30.1	21.9	38.4	24,172	20,995	27,332															
1998	3,863	3,012	4,714	16.2	12.6	19.7	1,244	912	1,576	25.2	18.5	31.9	1,043	743	1,343	28.0	20.0	36.1	25,391	22,241	28,525															
Change 1997-1998	(1.8) %	(0.4) percentage points					(19.2) %	(5.9) percentage points					(6.0) %	(2.1) percentage points					5.0 %																	
1999	3,328	2,525	4,130	13.1	10.0	16.3	1,113	813	1,412	22.3	16.3	28.3	739	511	967	19.5	13.5	25.5	28,711	26,823	30,731															
Change 1998-1999	(13.8) %	(3.1)					(10.5) %	(2.9)					(29.1) %	(8.5)					13.1 %																	
2000	3,520	2,745	4,294	13.8	10.8	16.9	1,126	858	1,393	23.0	17.6	28.5	743	542	944	19.9	14.5	25.2	30,262	28,055	32,642															
Change 1999-2000	5.8 %	0.7					1.2 %	0.7					0.5 %	0.4					5.4 %																	
2001	3,602	2,786	4,418	14.1	10.9	17.3	1,091	809	1,372	22.5	16.7	28.3	756	530	982	20.3	14.2	26.4	29,053	27,094	31,153															
Change 2000-2001	2.3 %	0.3					(3.1) %	(0.5)					1.7 %	0.4					(4.0) %																	
2002	3,932	3,016	4,847	15.1	11.6	18.6	1,174	869	1,479	23.9	17.7	30.2	869	614	1,124	23.2	16.4	30.1	29,376	27,389	31,506															
Change 2001-2002	9.2 %	1.0					7.6 %	1.4					14.9 %	2.9					1.1 %																	
2003	3,390	2,596	4,183	13.1	10.0	16.2	1,113	821	1,406	23.3	17.2	29.5	772	543	1,001	20.7	14.6	26.9	30,028	28,158	32,022															
Change 2001-2003	(13.8) %	(2.0)					(5.2) %	(0.6)					(11.2) %	(2.5)					2.2 %																	
Change 1997-2003	(13.8) %	(3.5)					(27.7) %	(7.8)					(30.4) %	(9.4)					24.2 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

27,711
8.4 %

Small Area Income & Poverty Estimates

Michigan, Saginaw County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																			
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																				
1997	32,154	25,429	38,878	15.3	12.1	18.5	14,380	11,168	17,592	24.6	19.1	30.0	9,813	7,463	12,163	22.8	17.3	28.2	36,318	33,402	39,220																				
1998	31,962	25,376	38,549	15.3	12.1	18.4	13,339	10,274	16,405	23.1	17.8	28.4	9,440	6,992	11,888	21.9	16.2	27.6	37,297	34,396	40,183																				
Change 1997-1998	(0.6) %	0.0 percentage points					(7.2) %	(1.5) percentage points					(3.8) %	(0.9) percentage points					2.7 %																						
1999	27,425	21,338	33,512	13.2	10.3	16.2	10,868	8,263	13,474	19.6	14.9	24.3	7,445	5,386	9,504	18.5	13.4	23.6	37,375	35,107	39,790																				
Change 1998-1999	(14.2) %	2.1					(18.5) %	(3.5)					(21.1) %	(3.4)					0.2 %																						
2000	25,881	20,515	31,246	12.6	10.0	15.2	10,388	8,104	12,672	19.1	14.9	23.3	6,542	4,887	8,197	16.5	12.4	20.7	39,616	36,887	42,546																				
Change 1999-2000	(5.6) %	(0.6)					(4.4) %	(0.5)					(12.1) %	(2.0)					6.0 %																						
2001	24,994	19,660	30,328	12.2	9.6	14.8	10,019	7,605	12,432	18.5	14.1	23.0	6,385	4,581	8,189	16.1	11.5	20.6	38,176	35,684	40,842																				
Change 2000-2001	(3.4) %	(0.4)					(3.6) %	(0.6)					(2.4) %	(0.4)					(3.6) %																						
2002	26,920	21,000	32,840	13.1	10.2	15.9	10,018	7,592	12,444	18.6	14.1	23.1	6,705	4,859	8,551	17.1	12.4	21.8	37,414	34,954	40,047																				
Change 2001-2002	7.7 %	0.9					0.0 %	0.1					5.0 %	1.0					(2.0) %																						
2003	27,447	21,362	33,532	13.4	10.4	16.4	10,353	7,791	12,916	19.6	14.7	24.4	6,839	4,930	8,748	17.5	12.6	22.4	37,843	35,575	40,255																				
Change 2001-2003	2.0 %	0.3					3.3 %	1.0					2.0 %	0.4					1.1 %																						
Change 1997-2003	(14.6) %		(1.9)		(28.0) %		(5.0)		(30.3) %		(5.3)		4.2 %																												
...1997 median household income in 2003 dollars																																									
Change 1997-2003 using 1997 median household income in 2003 dollars																																									

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

41,636
(9.1) %

Small Area Income & Poverty Estimates

Michigan, St. Clair County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	14,301	11,300	17,303	8.9	7.0	10.7	5,951	4,606	7,295	13.3	10.3	16.4	4,194	3,180	5,208	12.8	9.7	15.8	42,617	39,648	45,569			
1998	14,515	11,515	17,515	8.9	7.1	10.7	5,825	4,471	7,178	13.0	10.0	16.0	3,982	2,942	5,022	11.9	8.8	15.0	44,117	41,172	47,046			
Change 1997-1998	1.5 %			0.0 percentage points			(2.1)%			(0.3) percentage points			(5.1) %			(0.9) percentage points			3.5 %					
1999	12,310	9,571	15,049	7.5	5.8	9.2	4,842	3,680	6,005	11.1	8.4	13.8	3,183	2,291	4,075	10.0	7.2	12.8	45,415	42,622	48,392			
Change 1998-1999	(15.2) %			1.4			(16.9) %			(1.9)			(20.1) %			(1.9)			2.9 %					
2000	11,827	9,376	14,277	7.2	5.7	8.6	4,501	3,500	5,502	10.5	8.2	12.8	2,840	2,110	3,570	9.0	6.7	11.3	47,278	43,981	50,823			
Change 1999-2000	(3.9) %			(0.3)			(7.0) %			(0.6)			(10.8) %			(1.0)			4.1 %					
2001	11,970	9,414	14,525	7.2	5.7	8.7	4,544	3,430	5,658	10.6	8.0	13.2	2,957	2,105	3,809	9.3	6.6	12.0	46,590	43,573	49,816			
Change 2000-2001	1.2 %			0.0			1.0 %			0.1			4.1 %			0.3			(1.5) %					
2002	13,598	10,609	16,587	8.1	6.3	9.8	4,856	3,653	6,058	11.4	8.6	14.2	3,203	2,298	4,108	10.1	7.3	13.0	46,989	43,953	50,235			
Change 2001-2002	13.6 %			0.9			6.9 %			0.8			8.3 %			0.8			0.9 %					
2003	14,801	11,530	18,073	8.7	6.8	10.6	4,963	3,734	6,192	11.7	8.8	14.6	3,263	2,351	4,175	10.3	7.4	13.2	47,445	44,647	50,419			
Change 2001-2003	8.8 %			0.6			2.2 %			0.3			1.9 %			0.2			1.0 %					
Change 1997-2003	3.5 %			(0.2)			(16.6) %			(1.6)			(22.2) %			(2.5)			11.3 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, St. Joseph County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	6,853	5,403	8,303	11.1	8.8	13.5	2,937	2,263	3,611	16.6	12.8	20.4	2,140	1,614	2,666	16.5	12.4	20.6	36,779	33,782	39,761			
1998	6,959	5,509	8,409	11.3	8.9	13.6	2,708	2,069	3,347	15.4	11.7	19.0	2,054	1,511	2,597	15.7	11.5	19.8	37,675	34,697	40,636			
Change 1997-1998	1.5 %	5,509	8,409	0.2 percentage points	(7.8) %		(1.2) percentage points						(4.0) %			(0.8) percentage points			2.4 %					
1999	6,283	4,875	7,691	10.2	7.9	12.4	2,475	1,855	3,095	14.7	11.0	18.3	1,685	1,210	2,160	14.0	10.0	17.9	38,687	36,315	41,214			
Change 1998-1999	(9.7) %			1.1			(8.6) %			(0.7)			(18.0) %			(1.7)			2.7 %					
2000	6,398	5,063	7,734	10.4	8.2	12.5	2,502	1,940	3,064	15.0	11.7	18.4	1,607	1,196	2,018	13.5	10.1	17.0	40,337	37,502	43,386			
Change 1999-2000	1.8 %			0.2			1.1 %			0.3			(4.6) %			(0.5)			4.3 %					
2001	6,766	5,318	8,214	11.0	8.6	13.3	2,559	1,939	3,179	15.5	11.7	19.3	1,666	1,193	2,139	14.0	10.1	18.0	39,104	36,515	41,877			
Change 2000-2001	5.8 %			0.6			2.3 %			0.5			3.7 %			0.5			(3.1) %					
2002	7,259	5,660	8,858	11.7	9.1	14.2	2,418	1,828	3,009	14.7	11.1	18.3	1,637	1,184	2,090	14.0	10.1	17.9	39,051	36,487	41,795			
Change 2001-2002	7.3 %			0.7			(5.5) %			(0.8)			(1.7) %			0.0			(0.1) %					
2003	7,179	5,583	8,775	11.5	9.0	14.1	2,647	1,989	3,305	16.1	12.1	20.1	1,742	1,253	2,231	14.8	10.7	19.0	39,650	37,282	42,169			
Change 2001-2003	(1.1) %			(0.2)			9.5 %			1.4			6.4 %			0.8			1.5 %					
Change 1997-2003	4.8 %			0.4			(9.9) %			(0.5)			(18.6) %			(1.7)			7.8 %					
...1997 median household income in 2003 dollars																						42,164		
Change 1997-2003 using 1997 median household income in 2003 dollars																						(6.0) %		

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates
Michigan, Sanilac County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																				
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																					
1997	5,322	4,153	6,491	12.2	9.6	14.9	2,315	1,773	2,858	18.7	14.3	23.1	1,654	1,241	2,067	18.0	13.5	22.4	32,199	29,113	35,268																					
1998	5,497	4,321	6,672	12.6	9.9	15.2	2,156	1,640	2,672	17.4	13.3	21.6	1,602	1,175	2,029	17.2	12.6	21.8	33,925	30,876	36,958																					
Change 1997-1998	3.3 %	0.4 percentage points				(6.9) %	(1.3) percentage points				(3.1) %				(0.8) percentage points				5.4 %																							
1999	4,714	3,630	5,797	10.6	8.2	13.1	1,808	1,363	2,253	15.3	11.6	19.1	1,225	878	1,572	14.1	10.1	18.1	35,947	33,671	38,377																					
Change 1998-1999	(14.2) %	2.0				(16.1) %	(2.1)				(23.5) %				(3.1)				6.0 %																							
2000	4,766	3,738	5,794	10.8	8.5	13.2	1,815	1,401	2,230	15.9	12.3	19.6	1,201	887	1,515	14.2	10.5	17.9	37,847	35,112	40,795																					
Change 1999-2000	1.1 %	0.2				0.4 %	0.6				(2.0) %				0.1				5.3 %																							
2001	4,915	3,821	6,008	11.1	8.6	13.6	1,766	1,327	2,206	15.7	11.8	19.6	1,197	849	1,545	14.2	10.1	18.4	36,463	34,008	39,097																					
Change 2000-2001	3.1 %	0.3				(2.7) %	(0.2)				(0.3) %				0.0				(3.7) %																							
2002	5,401	4,160	6,641	12.2	9.4	15.0	1,820	1,361	2,280	16.4	12.3	20.6	1,292	922	1,662	15.6	11.1	20.1	36,508	34,053	39,141																					
Change 2001-2002	9.9 %	1.1				3.1 %	0.7				7.9 %				1.4				0.1 %																							
2003	5,217	3,996	6,437	11.7	9.0	14.5	1,907	1,413	2,402	17.5	13.0	22.1	1,297	918	1,676	15.8	11.2	20.4	37,042	34,752	39,484																					
Change 2001-2003	(3.4) %	(0.5)				4.8 %	1.1				0.4 %				0.2				1.5 %																							
Change 1997-2003	(2.0) %			(0.5)			(17.6) %			(1.2)			(21.6) %			(2.2)			15.0 %																							
...1997 median household income in 2003 dollars																																										
Change 1997-2003 using 1997 median household income in 2003 dollars																																										

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Schoolcraft County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	1,356	1,050	1,662	15.6	12.1	19.2	546	408	685	25.0	18.7	31.4	397	289	505	23.5	17.1	29.9	28,681	25,555	31,790			
1998	1,322	1,028	1,616	15.3	11.9	18.7	464	341	586	21.5	15.8	27.2	386	274	498	22.9	16.3	29.6	30,237	27,140	33,317			
Change 1997-1998	(2.5) %			(0.3) percentage points			(15.0) %			(3.5) percentage points			(2.8) %			(0.6) percentage points			5.4 %					
1999	1,103	840	1,366	12.8	9.8	15.9	390	287	492	19.4	14.3	24.5	266	186	346	18.2	12.8	23.7	31,112	29,125	33,233			
Change 1998-1999	(16.6) %			2.5			(15.9) %			(2.1)			(31.1) %			(4.7)			2.9 %					
2000	1,095	855	1,336	12.8	10.0	15.6	349	267	432	18.1	13.9	22.4	230	168	292	16.0	11.6	20.3	32,494	30,129	35,045			
Change 1999-2000	(0.7) %			0.0			(10.5) %			(1.3)			(13.5) %			(2.2)			4.4 %					
2001	1,102	853	1,350	13.0	10.1	16.0	338	251	425	17.9	13.3	22.5	233	164	302	16.4	11.5	21.3	31,255	29,142	33,521			
Change 2000-2001	0.6 %			0.2			(3.2) %			(0.2)			1.3 %			0.4			(3.8) %					
2002	1,075	827	1,324	12.7	9.8	15.6	299	222	376	16.3	12.1	20.5	216	153	279	15.7	11.1	20.3	31,599	29,460	33,893			
Change 2001-2002	(2.5) %			(0.3)			(11.5) %			(1.6)			(7.3) %			(0.7)			1.1 %					
2003	997	764	1,230	11.7	8.9	14.4	320	236	403	17.4	12.8	21.9	223	157	289	15.8	11.1	20.4	32,306	30,299	34,445			
Change 2001-2003	(7.3) %			(1.0)			7.0 %			1.1			3.2 %			0.1			2.2 %					
Change 1997-2003	(26.5) %			(3.9)			(41.4) %			(7.6)			(43.8) %			(7.7)			12.6 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Shiawassee County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																					
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																						
1997	7,366	5,736	8,996	10.1	7.8	12.3	2,973	2,244	3,703	14.3	10.8	17.9	2,243	1,654	2,832	14.4	10.6	18.2	38,430	35,346	41,498																						
1998	6,965	5,461	8,469	9.5	7.5	11.6	2,608	1,953	3,263	12.7	9.5	15.9	2,042	1,475	2,609	13.1	9.5	16.8	39,898	36,833	42,946																						
Change 1997-1998	(5.4) %	(0.6) percentage points					(12.3) %	(1.6) percentage points					(9.0) %	(1.3) percentage points					3.8 %																								
1999	5,705	4,359	7,051	8.0	6.1	9.9	2,262	1,673	2,851	11.9	8.8	15.0	1,393	975	1,811	10.1	7.1	13.1	41,194	38,587	43,978																						
Change 1998-1999	(18.1) %	1.5					(13.3) %	(0.8)					(31.8) %	(3.0)					3.2 %																								
2000	5,819	4,579	7,060	8.1	6.4	9.9	2,067	1,601	2,534	11.1	8.6	13.6	1,304	964	1,644	9.6	7.1	12.1	43,111	39,975	46,492																						
Change 1999-2000	2.0 %	0.1					(8.6) %	(0.8)					(6.4) %	(0.5)					4.7 %																								
2001	5,964	4,653	7,276	8.3	6.5	10.2	2,009	1,513	2,505	10.9	8.2	13.6	1,314	932	1,696	9.6	6.8	12.4	42,102	39,239	45,175																						
Change 2000-2001	2.5 %	0.2					(2.8) %	(0.2)					0.8 %	0.0					(2.3) %																								
2002	6,537	5,050	8,025	9.1	7.0	11.1	2,139	1,603	2,674	11.7	8.7	14.6	1,438	1,026	1,850	10.6	7.6	13.7	42,281	39,399	45,375																						
Change 2001-2002	9.6 %	0.8					6.5 %	0.8					9.4 %	1.0					0.4 %																								
2003	6,618	5,087	8,149	9.1	7.0	11.2	2,268	1,686	2,849	12.5	9.3	15.7	1,494	1,060	1,928	11.1	7.8	14.3	43,284	40,606	46,139																						
Change 2001-2003	1.2 %	0.0					6.0 %	0.8					3.9 %	0.5					2.4 %																								
Change 1997-2003	(10.2) %			(1.0)			(23.7) %			(1.8)			(33.4) %			(3.3)			12.6 %																								
...1997 median household income in 2003 dollars																						44,057																					
Change 1997-2003 using 1997 median household income in 2003 dollars																						(1.8) %																					

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Tuscola County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																					
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																						
1997	6,401	5,018	7,785	11.0	8.6	13.4	2,641	2,015	3,266	16.0	12.2	19.8	1,984	1,482	2,486	15.9	11.9	19.9	36,568	33,472	39,648																						
1998	6,315	4,973	7,658	10.8	8.5	13.2	2,393	1,807	2,979	14.6	11.0	18.2	1,873	1,363	2,383	14.9	10.9	19.0	37,701	34,624	40,761																						
Change 1997-1998	(1.3) %	(0.2) percentage points					(9.4) %	(1.4) percentage points					(5.6) %	(1.0) percentage points					3.1 %																								
1999	5,067	3,869	6,265	8.8	6.7	10.9	1,998	1,468	2,528	13.2	9.7	16.7	1,269	891	1,647	11.2	7.9	14.6	38,862	36,402	41,487																						
Change 1998-1999	(19.8) %	2.0					(16.5) %	(1.4)					(32.2) %	(3.7)					3.1 %																								
2000	5,139	4,032	6,246	9.0	7.0	10.9	1,892	1,450	2,335	13.0	9.9	16.0	1,239	911	1,567	11.3	8.3	14.3	40,927	37,969	44,116																						
Change 1999-2000	1.4 %	0.2					(5.3) %	(0.2)					(2.4) %	0.1					5.3 %																								
2001	5,221	4,063	6,378	9.1	7.1	11.2	1,850	1,381	2,319	12.8	9.6	16.1	1,252	884	1,620	11.5	8.1	14.9	39,425	36,692	42,362																						
Change 2000-2001	1.6 %	0.1					(2.2) %	(0.2)					1.0 %	0.2					(3.7) %																								
2002	5,865	4,519	7,212	10.2	7.9	12.5	1,995	1,481	2,509	14.1	10.5	17.7	1,387	985	1,789	13.1	9.3	16.9	39,233	36,531	42,134																						
Change 2001-2002	12.3 %	1.1					7.8 %	1.3					10.8 %	1.6					(0.5) %																								
2003	5,630	4,321	6,939	9.8	7.5	12.0	2,005	1,483	2,528	14.4	10.7	18.2	1,352	956	1,748	13.0	9.2	16.8	39,798	37,303	42,459																						
Change 2001-2003	(4.0) %	(0.4)					0.5 %	0.3					(2.5) %	(0.1)					1.4 %																								
Change 1997-2003	(12.0) %			(1.2)			(24.1) %			(1.6)			(31.9) %			(2.9)			8.8 %																								
...1997 median household income in 2003 dollars																						41,922																					
Change 1997-2003 using 1997 median household income in 2003 dollars																						(5.1) %																					

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Van Buren County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	11,345	8,802	13,887	14.9	11.6	18.2	4,932	3,695	6,169	22.2	16.6	27.8	3,689	2,705	4,673	22.4	16.4	28.4	33,852	30,770	36,916															
1998	10,644	8,289	13,000	13.9	10.8	17.0	3,962	2,920	5,004	17.9	13.2	22.6	3,396	2,424	4,368	20.4	14.6	26.3	35,586	32,538	38,617															
Change 1997-1998	(6.2) %	(1.0) percentage points					(19.7) %	(4.3) percentage points					(7.9) %	(2.0) percentage points					5.1 %																	
1999	8,728	6,633	10,823	11.6	8.8	14.3	3,507	2,518	4,495	16.9	12.1	21.6	2,152	1,458	2,846	14.1	9.6	18.7	37,591	35,243	40,097															
Change 1998-1999	(18.0) %	2.3					(11.5) %	(1.0)					(36.6) %	(6.3)					5.6 %																	
2000	8,863	6,974	10,752	11.7	9.2	14.2	3,276	2,520	4,032	16.1	12.4	19.8	2,073	1,523	2,623	13.8	10.1	17.5	39,610	36,770	42,670															
Change 1999-2000	1.5 %	0.1					(6.6) %	(0.8)					(3.7) %	(0.3)					5.4 %																	
2001	8,866	6,918	10,814	11.6	9.1	14.2	3,147	2,360	3,934	15.5	11.6	19.3	2,095	1,481	2,709	14.0	9.9	18.0	38,587	36,030	41,326															
Change 2000-2001	0.0 %	(0.1)					(3.9) %	(0.6)					1.1 %	0.2					(2.6) %																	
2002	9,917	7,665	12,170	12.8	9.9	15.7	3,524	2,636	4,411	17.4	13.0	21.7	2,440	1,740	3,140	16.5	11.7	21.2	39,019	36,426	41,796															
Change 2001-2002	11.9 %	1.2					12.0 %	1.9					16.5 %	2.5					1.1 %																	
2003	9,462	7,312	11,612	12.2	9.4	15.0	3,524	2,629	4,420	17.5	13.0	21.9	2,380	1,696	3,064	16.1	11.5	20.7	40,457	38,017	43,053															
Change 2001-2003	(4.6) %	(0.6)					0.0 %	0.1					(2.5) %	(0.4)					3.7 %																	
Change 1997-2003	(16.6) %	(2.7)					(28.5) %	(4.7)					(35.5) %	(6.3)					19.5 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

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Presentation by Northwest Michigan Council of Governments

38,809
4.2 %

Small Area Income & Poverty Estimates

Michigan, Washtenaw County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME														
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound															
1997	25,107	19,662	30,551	8.7	6.8	10.6	7,960	6,139	9,780	12.0	9.2	14.7	5,530	4,177	6,883	11.9	9.0	14.8	51,286	48,456	54,099															
1998	23,771	18,661	28,880	8.1	6.4	9.9	7,358	5,611	9,106	11.0	8.4	13.7	5,091	3,741	6,441	10.8	7.9	13.6	54,326	51,491	57,146															
Change 1997-1998	(5.3) %	(0.6) percentage points					(7.6) %	(1.0) percentage points					(7.9) %	(1.1) percentage points					5.9 %																	
1999	22,221	16,874	27,567	7.3	5.5	9.1	6,946	5,225	8,666	9.8	7.4	12.2	4,346	3,112	5,580	8.8	6.3	11.3	53,229	49,901	56,778															
Change 1998-1999	(6.5) %	0.8					(5.6) %	(1.2)					(14.6) %	(2.0)					(2.0) %																	
2000	22,337	17,417	27,256	7.2	5.6	8.8	5,942	4,612	7,271	8.3	6.4	10.1	3,683	2,739	4,627	7.3	5.5	9.2	55,335	51,504	59,451															
Change 1999-2000	0.5 %	(0.1)					(14.5) %	(1.5)					(15.3) %	(1.5)					4.0 %																	
2001	23,214	17,986	28,442	7.4	5.7	9.0	5,500	4,156	6,844	7.6	5.7	9.4	3,467	2,478	4,456	6.7	4.8	8.7	53,914	50,381	57,695															
Change 2000-2001	3.9 %	0.2					(7.4) %	(0.7)					(5.9) %	(0.6)					(2.6) %																	
2002	27,828	21,467	34,190	8.7	6.7	10.7	6,089	4,603	7,576	8.3	6.3	10.3	3,907	2,826	4,988	7.5	5.4	9.6	53,372	49,917	57,065															
Change 2001-2002	19.9 %	1.3					10.7 %	0.7					12.7 %	0.8					(1.0) %																	
2003	30,568	23,711	37,426	9.6	7.4	11.7	7,054	5,315	8,793	9.6	7.2	11.9	4,642	3,353	5,931	8.9	6.4	11.4	54,388	51,179	57,799															
Change 2001-2003	9.8 %	0.9					15.8 %	1.3					18.8 %	1.4					1.9 %																	
Change 1997-2003	21.8 %	0.9					(11.4) %	(2.4)					(16.1) %	(3.0)					6.0 %																	
...1997 median household income in 2003 dollars																																				
Change 1997-2003 using 1997 median household income in 2003 dollars																																				

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

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Presentation by Northwest Michigan Council of Governments

58,795
(7.5) %

Small Area Income & Poverty Estimates

Michigan, Wayne County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME																	
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound																		
1997	383,172	305,581	460,763	18.0	14.3	21.6	163,749	127,051	200,447	28.5	22.1	34.9	106,951	81,197	132,705	25.9	19.7	32.1	35,357	33,361	37,343																		
1998	366,582	293,052	440,112	17.3	13.8	20.8	145,362	111,360	179,363	25.6	19.6	31.6	96,961	71,666	122,256	23.4	17.3	29.5	37,525	35,480	39,558																		
Change 1997-1998	(4.3) %	(0.7) percentage points					(11.2) %	(2.9) percentage points					(9.3) %	(2.5) percentage points					6.1 %																				
1999	308,685	242,693	374,677	15.1	11.9	18.3	120,788	91,869	149,708	21.1	16.1	26.2	80,937	58,577	103,297	19.8	14.3	25.2	38,489	36,634	40,439																		
Change 1998-1999	(15.8) %	2.2					(16.9) %	(4.5)					(16.5) %	(3.6)					2.6 %																				
2000	293,189	235,372	351,006	14.4	11.6	17.3	119,921	94,061	145,781	21.3	16.7	25.9	76,127	57,270	94,984	18.8	14.1	23.4	40,488	38,449	42,635																		
Change 1999-2000	(5.0) %	(0.7)					(0.7) %	0.2					(5.9) %	(1.0)					5.2 %																				
2001	295,595	235,986	355,203	14.6	11.7	17.6	120,634	92,333	148,936	21.4	16.4	26.5	78,852	57,215	100,489	19.3	14.0	24.6	38,047	36,172	40,019																		
Change 2000-2001	0.8 %	0.2					0.6 %	0.1					3.6 %	0.5					(6.0) %																				
2002	335,617	266,051	405,182	16.7	13.2	20.1	127,124	97,363	156,886	22.6	17.3	27.9	86,535	63,623	109,447	21.2	15.6	26.9	37,716	35,848	39,682																		
Change 2001-2002	13.5 %	2.1					5.4 %	1.2					9.7 %	1.9					(0.9) %																				
2003	329,807	262,610	397,004	16.5	13.1	19.9	126,482	96,966	155,998	22.8	17.5	28.1	86,012	63,413	108,611	21.2	15.7	26.8	37,742	36,002	39,566																		
Change 2001-2003	(1.7) %	(0.2)					(0.5) %	0.2					(0.6) %	0.0					0.1 %																				
Change 1997-2003	(13.9) %	(1.5)					(22.8) %	(5.7)					(19.6) %	(4.7)					6.7 %																				
...1997 median household income in 2003 dollars																																							
Change 1997-2003 using 1997 median household income in 2003 dollars																																							

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

Small Area Income & Poverty Estimates

Michigan, Wexford County

	TOTAL POPULATION IN POVERTY							AGE 0 TO 17 IN POVERTY							RELATED CHILDREN AGE 5 TO 17 IN FAMILIES IN POVERTY							MEDIAN HOUSEHOLD INCOME		
	Estimate	Lower Bound	Upper Bound	% of Total Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of 0-17 Population	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound	% of Related Children	Lower Bound	Upper Bound	Estimate	Lower Bound	Upper Bound			
1997	3,975	3,106	4,845	13.5	10.6	16.5	1,768	1,351	2,185	21.0	16.1	26.0	1,273	953	1,593	20.6	15.4	25.8	31,841	28,759	34,906			
1998	4,090	3,208	4,972	13.7	10.8	16.7	1,609	1,216	2,002	19.0	14.4	23.7	1,252	913	1,591	19.9	14.5	25.3	32,931	29,884	35,961			
Change 1997-1998	2.9 %			0.2 percentage points			(9.0)%			(2.0) percentage points			(1.6) %			(0.7) percentage points			3.4 %					
1999	3,319	2,549	4,088	10.9	8.4	13.5	1,276	944	1,608	15.8	11.7	19.9	819	575	1,063	13.8	9.7	17.9	34,462	32,293	36,777			
Change 1998-1999	(18.9) %			2.8			(20.7) %			(3.2)			(34.6) %			(6.1)			4.6 %					
2000	3,332	2,615	4,050	11.0	8.6	13.3	1,206	925	1,486	15.5	11.9	19.1	788	578	998	13.6	10.0	17.2	36,173	33,560	38,988			
Change 1999-2000	0.4 %			0.1			(5.5) %			(0.3)			(3.8) %			(0.2)			5.0 %					
2001	3,432	2,669	4,194	11.2	8.7	13.7	1,192	889	1,496	15.4	11.5	19.3	811	571	1,051	14.1	9.9	18.3	34,840	32,511	37,336			
Change 2000-2001	3.0 %			0.2			(1.2) %			(0.1)			2.9 %			0.5			(3.7) %					
2002	3,695	2,846	4,544	11.9	9.1	14.6	1,245	925	1,565	16.2	12.1	20.4	877	622	1,132	15.6	11.0	20.1	35,338	32,967	37,879			
Change 2001-2002	7.7 %			0.7			4.4 %			0.8			8.1 %			1.5			1.4 %					
2003	3,542	2,715	4,369	11.3	8.7	14.0	1,284	948	1,620	16.8	12.4	21.2	868	612	1,124	15.4	10.9	19.9	36,291	34,054	38,673			
Change 2001-2003	(4.1) %			(0.6)			3.1 %			0.6			(1.0) %			(0.2)			2.7 %					
Change 1997-2003	(10.9) %			(2.2)			(27.4) %			(4.2)			(31.8) %			(5.2)			14.0 %					
...1997 median household income in 2003 dollars																								
Change 1997-2003 using 1997 median household income in 2003 dollars																								

Source: U.S. Census Bureau, Small Area Income & Poverty Estimates, <http://www.census.gov/hhes/www/saipe/saipe.html>

"Lower Boundary" refers to the 90% confidence interval lower bound. "Upper Boundary" refers to the 90% confidence level upper bound. Since these are estimates, standard statistical rules apply.

The Bureau of Labor Statistics' Consumer Price Index (CPI-U-RS) is 160.5 for 1997 and 184.0 for 2003. Thus the factor to adjust to 2003 constant dollars would be 184.0/160.5, or 1.146417.

Presentation by Northwest Michigan Council of Governments

U.S. Census Bureau

Small Area Income & Poverty Estimates

Model-based Estimates for States, Counties & School Districts



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General Cautions about Comparisons of Estimates

Cautions About Comparisons Between Decennial Census and Intercensal Model-Based Estimates

Differences between decennial census estimates and model-based estimates are not unambiguous estimates of changes in the levels of income or poverty at the county level. The ambiguity arises because these differences reflect both changes in the levels of income and poverty and differences in the methods by which the two cross-sectional estimates were made. In part, the difference in methods may be the difference previously alluded to between what the CPS and the decennial census estimate (for further information see [Comparisons between Model-Based and Census Estimates](#)).

If one ignores the discrepancy between the decennial census and CPS ASEC estimates, and one employs the differences between the two sets of estimates to gauge change, one needs to be cautious on the construction of confidence intervals for those differences. We use decennial census results, which report income data for the previous calendar year, in SAIPE model-based estimates of poverty and median household income: 1990 census results are model inputs for income years prior to 1999; 2000 census results are model inputs for 1999 and later. Consequently, there is an almost certain positive correlation between the census estimates and their intercensal model-based estimates, which should be represented in confidence intervals for their difference. Failure to do so will result in too many differences being considered "not significant". We currently do not have estimates of the individual correlations or advice on a general magnitude that can be assumed.

Cautions About Comparisons Between Intercensal Model-Based Estimates for the Same County in Different Years

One- and two-year comparisons between model-based estimates for the same county must recognize that the dependent variables in the models are represented by three-year averages which induce some sampling correlation between the estimated regression coefficients. The sampling correlation is a result of using data from identical years as the half-sample overlap across adjacent years of the CPS ASEC. One can estimate very crude approximations of 90-percent confidence intervals for the one- and two-year change by assuming that the model-error correlation is ignorable and using the standard estimate of CPS ASEC autocorrelation for poverty (a rho of .13 for comparisons two years apart and .76 for comparisons one year apart). We believe that the assumption that model-error correlation is ignorable is generally acceptable in all but the most populous of counties. In most counties, the CPS ASEC sample size is small or zero, which leads to large sampling variances in those counties. The relative size of the model-error variance to the sampling-error variance is small enough such that ignoring the effect of the model-error correlation should not significantly affect the size of the confidence interval. The crude 90-percent confidence intervals for the two-year difference in a given county are constructed from the 90-percent confidence intervals presented in the tables for viewing or downloading. Subtracting the lower from the upper bound of the 90-percent confidence interval of the estimate for a given county in a given year gives its width, say CI95 for 1995 and CI97 for 1997. The width of the 90-percent confidence interval for the difference between the model-based estimates for 1997 and 1995 for the same county is given by:

$$CI_{diff} = \text{SQRT}\{CI97^{**2} + CI95^{**2} - 0.13*CI97*CI95\} \text{ where } \text{SQRT}\{\text{quantity}\} \text{ is the square root of quantity, and } CI^{**2} \text{ is the square of CI.}$$

The confidence interval for a single-year difference - for example, the change between 1998 and 1997 - is given by:

$$CI_{diff} = \text{SQRT}\{CI98^{**2} + CI97^{**2} - 0.76*CI98*CI97\} \text{ where } \text{SQRT}\{\text{quantity}\} \text{ is the square root of quantity, and } CI^{**2} \text{ is the square of CI.}$$

The confidence intervals for other one- or two-year differences would follow the formats above.

Cautions About Comparisons Between Intercensal Model-Based Estimates for the Same State in Different Years

Direct CPS ASEC state estimates are much more precise than direct county estimates. The greater precision of the direct state estimates results in a larger ratio of model-error variance to sample-error variance in the state model than those observed in the county model. Consequently, ignoring the model-error correlation across years is an unacceptable assumption and no crude approximation is given to make such comparisons. The statistical comparison between 2001 and 2002 is described in the technical document [Methodology for Change Variance Estimates, 2001-2002](#) [PDF 128k]; comparisons for previous years are available on the [publications](#) page. Furthermore, there is ongoing research to design a web-based tool to compute pair-wise comparisons.

Cautions About Comparisons Between Intercensal Model-Based Estimates for Different Counties in the Same Year

The model-based estimates for different counties in the same year are not independent of each other because the same estimated model coefficients are employed in making them. The resources needed to estimate the correlation between estimates for different counties have not been available. Confidence intervals for the 2000, 1999, 1998, 1997, 1995, or 1993 differences between counties constructed without recognizing the correlation will, in general, be too large. Currently we do not have estimates of the individual correlations or advice on a general magnitude that can be assumed; however, we are researching the issue and have hope of finding a solution.

Cautions about Comparisons of Estimates - Median Household Income

Comparing estimates of median household income for the same county across different years is difficult because of changes in the 1999 model.

- The form of the conditional error is new. From 1989 to 1998, the models assumed a normal distribution. Beginning in the 1999, the model assumes a lognormal distribution;
- a new set of predictors is used in the 1999 model;
- the model is multiplicative instead of additive; and
- Census 2000 data is used in the 1999 model; previous estimates used 1990 Census data.

These major changes in the assumptions of the error and the predictors do not allow for simple comparisons for years before 1999 to 1999 or later estimates.

Please watch this website for further developments on these issues.

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Source: U.S. Census Bureau, Housing and Household Economic Statistics Division, Small Area Estimates Branch

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For assistance, please contact our information staff at 301-763-3242.